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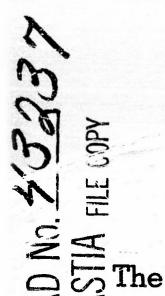
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UNIVERSITY OF PSYCHOLOGY

The Complete Minnesotation for Responses to Words from the Kerianoff Word Association Test

by
WALLACE A. RUSSELL
and
JAMES J. JENKINS

Studies on the Role of Language in Behavior Technical Report No. 11 August, 1954

Under Contract with the Office of Navai Research
Contract Number N8 onr-66216

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THE ROLE OF LA. TAGE IN BEHAVIOR

Technical Report Num - 11

COMPLETE CONSISTA NORCE FOR RESPONSES TO

Russell and James J. Jenkind a raity of Minnesota

while investigating the role and contextual factors in veloal behavior, the writers have had to mean the recourse to the normative data for the Kent-Resamoff test gathered by Some than twenty years ago. There those norms had been used in several experiment and its, it became apparent that internal evidence that the data were no longer applicable to subjects being investigated today. In consequence, the proof gathering new norms was undertaken for ing the fall and winter of 1952-53. The results obtained make up the body of this technical report. These norms have already proven to be a valuable research aid to the writers and are being reproduced in their entirety in order that they may be made more widely available for future research.

One hundred stimulus words from the Kent-Rosanoff Word Association Test were administered to students in beginning psychology classes at the University of Minnesota. The form of the test list is presented in Appendix A. The two mimeographed sheets making up the test were stapled together and distributed to the students during regular class periods with only the blank sides immediately observable. The instructions were as follows:

"THIS IS ONE OF THE STUDIES IN VERBAL BEHAVIOR BEING DONE AT MINNESOTA.
THIS PARTICULAR EXPERIMENT IS ON FREE ASSOCIATION."

"PLEASE WRITE YOUR NAME ON THE OUTSIDE OF THE PAPER PASSED TO YOU. YOU CAN ICHORE THE PLACE FOR YOUR NAME ON THE OTHER SIDE."

"WHEN YOU OFEN THESE SHEETS, YOU WILL SEE A LIST OF 100 STIMULUS WORDS.

AFTER EACH WORD WRITE THE FIRST WORD THAT IT MAKES YOU THINK OF, START WITH THE FIRST WORD; LOOK AT IT; WRITE THE WORD IT MAKES YOU THINK OF; THEN GO ON TO THE NEXT WORD."

"USE ONLY A SINGLE WORD FOR EACH RESPONSE."

"DO NOT SKIP ANY WORDS."

"WORK PAPIDLY UNTIL YOU HAVE FINISHED ALL 100 WORDS."

WHEN YOU ARE THROUGH TURN YOUR PAPER OVER AND WRITE ON THE BACK THE LETTER THAT APPEARS ON THE BOARD AT THAT TIME."

"ARE THERE ANY QUESTIONS?"

"READY. GO."

After four minutes, the letter A was printed on the blackboard. Every thirty seconds thereafter a new letter was substituted in alphabetical sequence. A rought index of the time necessary for each student to complete the test could the letter appearing on the back of his test for a letter appearing on the back of his test for a letter appearing on the back of his test for a letter appearing on the back of his test for a letter appearing on the back of his test for a letter appearing on the back of his test for a letter appearing on the back of his test for a letter appearing on the back of his test for a letter appearing on the back of his test for a letter appearing on the back of his test for a letter appearing on the back of his test for a letter appearing on the back of his test for a letter appearing on the back of his test for a letter appearing on the back of his test for a letter appearing on the back of his test for a letter appearing on the back of his test for a letter appearing on the back of his test for a letter appearing on the back of his test for a letter appearing on the back of his test for a letter appearing on the back of his test for a letter appearing the letter ap

ples their forms and were managemently of carden. This left 1008 subjects that tabulation of responses:

listed The number and and the responses given to each a mulus word and listed. The number adding each response word indicates the number of different numbers who have the Natificular response.

This study is part of a _______ series of studies of verbal behavior being conducted at the University _______ Minnesota. This series is being sponsored by the Office of Naval Research _______ Contract Number NL onr-66216) under its policy of encouraging basic research.

STIMULUS - 1. Table

840	enair
41	food
21	desk
15	top
11	leg(s)
9	eat
8	cloth
7	dish(es)
6	wood

dinner, tennis, Mable

door, cup, room, fork, round, floor, silver four, spoon, lamp, bed, card, board, hard, huge, plate, pool, book, maple, house, sink, stable, sable, mesa, drink, leaf, set, black, tablecloth, black, kitchen, meat, flat, study,

STIMULUS - 2. Dark

829	light
55	night
33	rcom
31	black
- 9	white
5	closet
4	bright
3	ink

THE PROPERTY OF THE PROPERTY O

alley, love, house, dark, movie, girl, red, moon, noon, stanky, Katy, photography, owl, coat, cold, picture, window, color, camera, negro, sleep, brown, mood, photo. wood, lonely, music, murder, women, obscure, bark, tight, noise

STIMULUS - 3. Music

183	song(s)
168	note(s)
124	sound
51	piano
28	sing
26	noise
23	band
1.6	horn
15	art
14	sweet, soit,
	instrument
13	symphony
12	play
11	tone, jazz
30	orchestra
9	dance
8	Beethoven, Bach
7	bar(s), radio

melody

score, harmony,

dancing, beauty, choir, hall, nice, sheet, laughter, concert, words

voice, drum, trumpet, opera, tune, chord, stand, key(s), beautiful, music, record, scale, clef,

trombone, maestro, rhythm, singing, composer, hear, time, listen

pleasant, violin, box, pretty, pleasure, staff, aria, clarinet, theory, Chopin, poetry, popular, room, singer, chair, good, flute

emotion, beat, joy, me, fond, death, color, phonograph, lessons, classical, fun, camera, fast, peace, 4 Aces, Sebastian, ballet, lyrics, pianissimo, page, Bartok, harmonica, light, fine, wind, cornet, appreciation, chorus, class, enjoyment, literature, musician, rhaprody, bow, deaf, discord, sax, tuba, charm, conductor, blue, Bacie, Jan, mother, soothing, Grieg, happiness, rat, Dick, chimes, jangle, Stravinsky, Wayne, therapy, dissonance, ear, ingenue, rice, old time, sinister, accordian, daughter, cold, organ, baton, Brahms, string, silence, choral, chamber, quiet, A, composition

STIMULUS - 4. Sickness

376 health

159 111

153 death

64 bed

58 well

26 illness

21 doctor

13 hospital

12 disease

7 bad

6 flu, dead, cold

5 sea, healthy, sick

4 pain, man

3 medicine, me

2 neasca, pills, cancer, measles, fever, hurt, vomit, weak, stomach, room

1 Sister Kenny, wellmess, ugh, mother, sad, tests discomfort, unhappy, darkness, gah, heart trouble, pale, ship, aches, dislike, famine, misery, recovery, ish, dying, die, no, ear, goodness, heal, throat, sour, weakness, boat, pleuresy, headache, beer, grandmether, dad,

live, mon, nurse, sheets, T.B., you, grief,

tooth, dog, sore, uncomfortable

STIMULUS - 5. Man

767 woman(cn)

65 boy

31 girl

18 dog

17 lady

10 mouse

5 male, men, animal

4 father, strong

3 friend, tall, pants, human, wife

2 suit, beard, sex, sports, person, child

log(v), me

1 Joe, hand, muscle, older, Bruce, panes, god, boxer, farm, being, earth, bad, big, beast, hair, hat, fellow, Pat, life, Roger, superman, Ed, Roosevelt, made, shirt, lean,date, moon, anthropology, figure, dark, handsome, Rodney, strength, home, build, money, race, tough, normal, hit, body, cow, large, sheep, poor

STIMULUS - 6. Deep

318 shallow

131 dark

101 water

76 sca

52 high

48 occan

38 soft

24 hole

23 l.ow

19 well.

17 sleep

13 bluc

12 down

11 pit

9 river, purple

8 wide, narrow

7 far

5 light, black

4 long, lake, voice, South

3 steep, complex, depth, hollow

2 cave, mine, snow, might

l little, ground, bed, open, fathom, under, wave, dirty, afraid, height, cushion, music, deeper, trouble, drop, cavern, gold, tide, roots, very, Tom, base, falling, slumber, bottom, song, clear, thick, red, chair, slow, crevace, seat, pool, loft, see, raft, valley

STIMILUS - 7. Soft

1	hard
87	light
81	pillow
42	bed
28	amooth
22	loud
18	cotton, music
16	fur
13	touch

- 12 fluffy, chair
- 11 feather(s) 10 warm, drink velvet, hazvy
 - cushion silk
- easy, dark, downy
- kitten nice, skin

- wool, hair, tender, sola, girl, furry, water, sweet, deep, rug
- mattress, high, mellow, rough, head, pretty, shoe, satin, mushy, cuddly, snow, quist, cloud, tissue, down, sweater, spongy
- sleep, heart, white, smooth, butter, fussy, comfort, harsh, feel, soothing, felt, airy, dim, fluff, spot, Ivory Snow, body, material, south , quilt, weak, doll, paper, breath, fish, feathery, Lee, rough, fat, sponge, custard, sheet, cloth, flesh, cool, hollow, seat, sound, tooth, sink, long, blanket, near, cold, soap, cat, cloy, egg, pink, pad, blue, woman, candy

STIMULUS - 8. Eating

359	fond	4	candy, spoon
138	drinking	3	meal(s), fast, eat, bite, digosting
122	sleeping	2	taste, writing, chew, gorging, fun,
45	hungry		dishes, place, bread, smoking, burp,
22	starving, full		supper
16	fat	ı	breathing, grapes, turkey, soup, noo
12	steak, good		much, giants, cheese, heartily, rest
11	hunger, mouth		people, sitting, happy, swallowing,
10	table, drink		plate, ham, life, man, malt, inn, gu
9	ohewing, dinner,		teeth, hand, dessert, satisfy, potat
	sleep		lettuce, brook, head, banana, hearty
8	fork		dining, swallow, dieting, gourmand,
7	lunch, fasting		taurant, chicken, mouthful, looking,
6	apole, habit(s)		horse, fill, living, appetits, lion,
5	meat, biting,		through, enjoy, Le Roy, ice cream
	stomach, sick		

writing, chew, gorging, fun, carrot(s), , place, bread, smoking, burp, starve, hing, grapes, turkey, soup, noon, consuming, giants, cheese, heartily, resting; eated, e, sitting, happy, swallowing, ate, pig, , ham, life, man, malt, inn, gulping, not, , hand, dessert, satisfy, potate, egg, ce, brook, head, banana, hearty, vomit, g, swallow, dieting, gourmand, in, res-

nt, chicken, mouthful, looking, fish, , fill, living, appetite, lion, masticating,

STIMULUS - 9. Mountain

266	hill(s)	11	rock(s)
127	high	10	lake
65	anow	9	big, climber, range, tree(s)
64	valley	$\boldsymbol{\beta}$	height
46	climb	7	river, steep, horse
43	top	6	ski, Rocky(ies), Everemt
2l;	peak(s), molehull	5	plateau, lion
22	man, climbing	4	Yellowstone, west, Alps, Colorado
50	plain	3	large, glacier, sky, road, magic, cliff, air,
18	goat .		green, cave, trip
13	stream		

spoon

STIMULUS - 9. Mountain (continued)

water, sheep, crag(s), cloud(s), prairie, stone, crevice, bluc, fall, point, home, land, mole, Kilimanjaro, Denver, tall, scenery, mound

Montana, Moses, ground, Himalayas, huge, squirrel, picture, table, moon, snow-capted, house, faith, base, Idaho, Mt. Ranier, Pike's Pook, barrier, hole, knell, mule, path, grass, berge, glory, heap, large hill, dirt, foct, incline, canyon, hunt, Jungfrau, Seattle, rain, chain, king, white, women, Grand Teton, bluff, village, scene, cold, flat, face, shallow, slope, desert, Penna, jump, 100, grown, Tohons, thru air, basement, whip-poor-will

STIMULUS - 10. House

	•
247	home
93	door
47	garage
40	barn
33	roof, whate
23	yard, windows
20	wood
19	room
17	car
16	live
15	brick
14	chair(s), mouso
13	big, family,
- 1	building, shack
12	top
11	poople
10	red, chimney
.9	build, dark
8	wa m

lawn, light

cottage, beat, dog, man, black, but

farm, furniture, cabin, street

porch, paint, garden, table, comfort

children, life, hotel, mother, lot, dwelling, square, brue

my, key, living, small, shed, kitchen, clean, apartment, hold, tent, wife, coat, mansion, fence, rent, work, gable, bed, road, sleep, green, grass, warmth, castle

park, ranch, tall, den, heaven, shelter, fly, doctor, shade, sidewalk, louse, alley, manor, horse, blue, prostitution, cleaner, cat, still, shutter, abode, well, new, out, maid, money, habitat, haven, birch, cozy, breaker, jack, moving, pink, celor, rest, construction, hell, payments, autonna, pillars, furnace, burned, cord, detective, representative, trailer, stone, Comstock, baker, yellow, party, bungalow, block, tiling, wide, women, lake, hamburgers, blinding, worr, Don, swift, land, horse, back, large, haunted

STIMULUS - 11. Black

THE REPORT OF THE PARTY OF THE

751	white
54	O.rk
26	cat
22	light
20	night.
11	shoep
10	color
9	rod
6	blue, dog
5	c loth
3	coal, bottom,
	paper, car, shoc

morse, board, coat, wool, button, cold, brown, dress, gray, blackboard dirt, cap, dismal, green, casket, big, shiny, nice, pitch, Sam, dirty, death, hole, velvet, suit, spade, ent, stove, blackboard, chony, chair, singe, magic, eye, dead, pants, witch, jack, telephone, murder, afraid, ink, book, stocking, darkness, cave, kitten, midnight, rake, wagon, depth, satin, good, marble, moon, whittle, hair, Negro, whiten, pit, body, blouce

STIMULUS - 12. Mutton

365 295 56 32 25 10 97	lamb sheep meat chops beef food veal collar lsg Jeff	5 4 3 2 1	stew, cost steak, fur, pork, dog wool, animal, cotton sleve, goat, bread, rabbit, ham, ish, deer dislike, ugh, button, role, hook, bone, scrap, shoulder, lousy, baseball, cat, hole, glove, calf, good, biscuit, fleecy, cold, song, steam, crown, cake, ghetto, white, scarf, grease, soup, G.I. stew, sutton, suffolm, horse, cloth, bake, Christmas, sit, breakies
6	eat, fat		Christmas, Sit, Oreanizast

STIMULUS - 13. Comfort

117 99	chair bed	7	house, luxury, couch, sickness, good
76		Ú	sick, sofa, southern
	0856	5	uneasy, easy chair, sorrow, pleasure, enjoyment
71 60	home	Ļ	console, davenport, peace, happiness, Tom, cozy,
69	soft	_	mother
55	discomfort	3	joy, girl(s), illness, money, fire, soothe,
40	sleep	_	hardness, misery, hurt, content, safe
23	rest	2	ill, relaxation, food, cold, station, car, aid,
21	health		satisfaction, uncomfort, leisure, sad, solid,
20	warm		fireplace, yes, love, comforter, wife, quiet,
19	hardship, hard		comfortable
18	easy	1	heaven, living, despair, soften, tired, wealth,
15	warmth		whiskey, night, fine, security, relaxed, lounge,
13	uncomfortable		swing, fatigue, distress, foot, sit, sleeping,
12	lazy		sadness, you, unesse, sitting, snuggle, weary,
11	nice		macr, care, heart, women, unrest, convenient,
10	pillow, blanket,		bath, me, restful, convenience, wine, armchair,
	relax		harsh, clean, kind, fort, Peter, bliss, book,
n	pain		dreary, television, friends, child, age, well,
Ŕ	•		
0	happy, help		bell, laziness, music, people, person, baby, boat, suffering, round, feeling, full, yum, Bill, cove, cushion, friendly, heat, grief, hot, pity, cart, crap, smell, monk, rocks, quilt, ye, sea, don't

STIMULUS - 14. Hand

255	foot(ee)	12	nail
237	finger(s)	10	leg
131	arm	8	hold
53	glove	7	wrist
38	shake	6	hard, heart, palm, touch, ball
36	ring	5	skin, white, food, write, lotion
27	mouth	4	body, head
23	soft	3	shoe, cold, grasp, woman, short
15	1839		

STIMULUS - 14. Hand (continued)

work, eye, strong, right, book, smuoth, man, toe, chapped

hand, rescaling, wet, Lois, maiden, make, money, girl, teeth, long, paw, mark, feel, ouff, hurt, dexterity, piano, joc, mitten, chin, appearance, warm, thumb, writing, big, callous, fist, limb, shaking, made, left, down, action, find, human, heel, art, bed, give, large, stool, watch, form, Bill, cream, nice, dirt, house, some, ink, towel back, digit, welcome, reach, table, me, handcream, friend, fingernail

STIMULUS - 15. Short

men

hair

girl

dark, stout

hand, light

pants, stocky

shirt, stubby

11

6

397 tall little, stop, high, wide 336 long line, dwarf, snort, tail, good, story, wave, day, cake, stature, time, low, pencil, quick, 75 fat 21

small person, length 18

gun, tiny, digit, brief, box, baby, general, 1 child, black, square, trousers, basketball, lady, blonde, sweet, fingers, cut, lion, inch, me, midget, shorter, plump, beer, less, heavy, loud, noss, stuff, stick, side, lived, ruler, dog, name, curt, skinny, step, distance, ness, funny, bald, limited, thick, Carol, height, Filipino

STIMULUS - 16. Fruit

378 apple sweet vogetable 114 6 candy, good 94 orange peach, grapefruit, grapes, flower, seed, bowl 62 fly 3 2 basket, queer, strawberry, stand, fairy 46 berry 43 bitter, tasto, citrus, cup, summer, jello, lemon, tes 31 eating, boot, yellow pear 27 squishy, blossom, monkey, roast, strange, boy, banana 23 tangerine, meat, route, cocktail, slurp, weed, cake 15 vine, healthful, walnut, Harry, Ralph, pickle, food, cherry 14 smell, animal, beverage, child, tail, pleasant, juice 13 tree sour, healthy, dark, tomato, raspberry, house, 11 salad ripe

STIMULUS - 17. Butterfly

144 moth 23 coccen 117 22 insect summer 104 wing(s) 21 color(s) 84 13ª 2d 20 monarch, bee(s) 70 135 14 ghomach yellow 62 worm, beauty 76 42 net flying 34 pretty animal, beautiful 33 flower(s) blue 27 flight, caterpillar, Madam, opera bug

STIMILUS - 17. Butterfly (continued)

ant, spring, butter, catch, dance; flutter

light, wasp, jet plane, sky, soft, mouse, colorful, song, dragongly,

Lecidoptera, dog, orange, spots, warm, lagoon, sunshine roach, tree, feather, delicate, thing, grace, car, canary, butterfly's, fragile, flap, awim, curtain, maggot, girl, air, morn, hobby, smooth, felt, incree, dainty, robin, grass, mosquito, buttercup, silk, Orthoptera, wheat, game, collection, field, louse, tiger, California, blind, cow, chase, watch, Georopia, outside, woods, dust, Spanish fly, freedom, nothing, nature, flea, sun, zoology, garden, Japan, look, dandelien, opens dandelion, crasy

STIMULUS - 18, Smooth

•
(4)
am,
, `
,
,chalk,
regular,
black-
gloss,
ed,
lines,
rm,
esk,
والحاشة
cut,
ck,
•

STIMULUS - 19. Command

198	order	6	bark, word, decision, march, ROTC, give
102	army	5	man, leader, military
78	obey	4	force, answer, loud, discipline, action, lead
6 5	officar	3	law, respond, response, sir, hard, request,
33	performance		dog, speak, captain, act
27	do, tell	2	yes, Spanish, task, wish, service, power, call,
26	shout, general	•	execution, hear, chief, car, post, strong,
23	halt		rule(a), signal, respect, control, teacher,
20	voice		follow, jump, colonel, mean
18	soldier	l	hat, polite, plea, book, salute, fulfill, Hitler,
16	harsh		obedience, war, whistle, stern, noller, start,
15	attention		demanding, noise, attack, make, instruction,
18	sharp		lecture, lead, anarchy, major, overseer, sit,
12	atop		report, regiment, disregard, boss, direction,
11	navy		don't, choose, erect, tough, hike, crisp, pass,
10	go		displeasure, repeat, commander, beg, forward,
ŝ	demand, yell		retrieve, agreement, wrill, charm, lord, shart,
	sergeant, ask		me, stupid, play, headqtrs, sterness, marine,
7	air force, air,		change, sword, direct, LeRoy, planes, heard,
	talk		disobey, Caesar, situation, head, firm, no,

STIMULUS - 19. Command (continued)

perform, gun, Pfc., deep, high, Ike, Lt., help, reprimend, dominating, take, executa, relax, pilot, father, correct, wave, hell, learn, bellow, duty

STIMULUS - 20, Chair

The second secon

498	table	4	floor, trown, house, couch, pillow
205	sit	3.	back, relax, cloth, window
45	leg(s)	2	easy, man, davenport, bench, sleep, room, rung,
38	seat	-	car, electric, woman, lamp, rocker, home, blue,
38 26	soft		swivel, top
19	desk	1	president, living room, study, execution, glue,
15	arm		me, rug, leather, magazine, modern, bottom,
12	sofa		fall, hat, piano, upholstery, embroidered,
9	wood		armchair, height, wicker, foot, cozy, green,
Ą	rest, cushion		black, office, laxy, overstuffed, cover, round,
7	stool		red, straight, paint, small, wheel
6	hard		
5	comfort, high,		

STIMULUS - 21. Sweet

sitting, bed

	-			= 0	
Į	134	sour		- 5	chocolate
1	L62	candy		A	Sue
	80	sugar		3	lovely, pickle, heart, sound
	76	bitter		2	milk, talk, harsh, cream, eat, woman, cake,
	33	music			lemon, pie, sick, cute, smile, strong, loud,
	22	soft			love, hard, pretty, gentle, mellow, light
	17	girl		1	sacharine, innocent, notes, safe, sticky, joy,
	15	good			potato, sentimental, sharp, good looking, tangy,
	13	tooth,	taste		lips, food, little, LaVonne, young, thing, sim-
	11	nice			ple, song, breath, smooth, nut, sweeter, me,
	8	low			Dixie, melody, dark, nausea, nothings, scent,
	7	honey			tart, grass, sing, acid, druam, thick, bird,
	6	amell.			Virginia, sweetheart, Barb, deliciors, tender,
					whistle, cockie, spice, wife, sixteen

STIMULUS - 22. Whistle

131 89 73 62 56 49 39	stop train noise sing blow tune girls, sound dog	26 24 21 18 17 15	shrill boy man liks wolf loud, call mouth cop	8 7 6 5 4	horn, tharp, work, music yell. policeman tone; teeth, shout, high, pop happy, toot, bell talk, pucker, note(s), bird tweat, wood, tin.
37 33	gog garta, sound	11		3	twest, wood, tin,

STIMULUS - 22. Whistle (continued)

purse, shriek, pipe, sweet, dark, bait, scream, signal, mother, hard,

ham, holler, drink, thistle, hear, flirt

kettle, blew, wolf-call, wooden, screen, face, gym, cord, harsh, game, fellow, pierce, screech, melody, pursed lips, reed, pretty, bark, at, small, orange, Joe, locomotive, basketball, speech, French, watch, silver, circle, low, wait, ear, wind, find short, jay, start, Elita, referee, smile, station, ring, tongue, come, stopped, nice, long, run,

STIMULUS - 23. Woman

656 88 75 16 15 12 11 8	man(e) girl child mother lady dress sex female nice, clothes, hat, hair baby, cold	1 2 1	old, figure, whistle love, skirt, wife, pretty, beauty purse, soft, set, mem, boy, friend, furs shape, adult, little, talk, whow, apren, her, femininity, shawl, body, Betty, bag, face, hourglass, shop, locks, Erlys, date, tender, pregnate, Marilyn, Nancy, birth, gentle, kind, Ardis, block, feminine, beautiful, work, goal, breast, fat, dog, blouse, Barb, teacher, frau, lovely, short, head, ill, prostitute, stocking, furcoat, crown, tall, femininistic, women, ha, blind, bad, world, call, read, blonds.
,	Saby, Colu		ha, blind, bad, world, call, read, blonde, Ann, flirt

STIMULUS - 24. Cold

348	hot	5	aneeze
218	Show	3	day, coat, wind, air, cough, freezing, tem-
168	warm		perature
ó6	winter	2	sweat, shiver, ill, night, shower, brrr, chilly,
29	ice		white, head, room, icy
13	wet, Minnesota	1	clover, jacket, sharp, water, clothes, brisk,
10	dark		bitter, iciole, hoarse, merc, degree, steel,
9	eick		slow, angry, war, artic, old, sniff, coal, sore,
ક	heat, weather		Al, discomfort, slaw, woman, out, sun, radiator,
?	ou ta i de		shelter, side, drip, today, ball, blue, school,
6	nose, hard,		dry, frost, clouds, yes, warming, had, uncor-
	freeze		fortable, hand, drinks, pain, shoulder

STIMULUS - 25. Slow

752	fast	8 turtle, poke, traffic
23	28F(S)	7 walk
22	stop	6 speed, ge
17	down	h quick, streetcars, lazy
12	i na il	3 sluggish, pokey, drive, boat, driver, ant,
10	sig n	movement
9	traio	

STIMULUS - 25. Slow (continued)

impatient,

aleat, skid, stop sign, bus, dog, run, easy, moving, street, move, light

stupid, bear, Ford, lug, drag, work, walking, speedy, caution, reads,
dance, psychology, slide, woman driver, dull, laborious,
brain, good, dark, nervous, driving, sticky, steady, wagon, Mols,
streetears, late, highway, new, plane, clock, crawl, country, white,
round, cow, soft, stream, plow, motion, mother, slug, women, music, cold,
molasses, roommate, hard, horse, long, Jean, curve, tertoise, glow,
policaman, river, assident, heavy, halt

STIMILUS - 26. Wish

124 118 112 99 70 60 48 35 31 12 10 98 76	want dream desire hope well think star(s) bone ring(s) wash thought money, true get, command for Christmas thinking, fairy, birthday make, wishbone, gift, you, will, car	

have, could, happy, request happen, magic, luck, good, chicken, not. receive, fulfill, do prayer, child, day dreaming, reward, sous, grant, demand, here, rainbow, were, had, horse, ask, die, wishful, idea, I, like, fish, penny thumb, time, happiness, water, fairy tale, pond, Cinderella, may, was, myself, useless, secret, game, gratification, vague, call, boy, man, try, behave, howl, object, gotten, win, can, resourceful, longing, bath, beggar, forget, regret, okay, cat, ideaist, forever, finger, obtain, would, you were here, Joan, take, marriage, surprise, war, hawks, keep, subjunctive, quirer, fulfillment, reply, must, three, sleep, present, travel, party, false, candle, nice,

believe, granted, sing, help, what, wealth, repeat, school, give, health, house, materials,

mountain, bridge, swift, ccean, long, winding,

anything, poet, tale, dish, to, dramatick, women, dreaming, response, need, ms, something, always, clear, promise, aim, love, sex, say, order, know, pray, comfort, turkey, try, movie,

STIMILUS - 27. River

water

246

- · · · ·	~~~~		momination in marget and anomal months in minimately
21.1	stream		brook
105	lake	4	swim, rapid, tree(s), white, sea
36	Mississippi	3	cold, wind, flowing, Styx, falls, dirty, road
38	boat	2	slow, flood, Nile, St. Merie, black, wown,
29	deep		Ho, pond, Jordan, green, hill, Minnesota,
16	wide		Ganges, large, wash
14	flow, run	1	Thames, side, liver, grass, scenery, trout, Po,
12	oreek, bed		mid, flying, twist, middy, garden, man, skate,
11	blue		drive, interesting, fare, dam, life, India, bad,
8	wet		rock, Des Moines, summer, swamp, valley, lazy,
7	Red, fast, fish		skating, sleep, dark, song, trail, woods, trans-
ć	bank, ice, bend		portation, tile, swan, swimming, fump, abyss,
			Nown, torrent, land, gorge, old man, tight,
			Rio, row, mouth, was, marsh, Volga, Weser, old,
			nariow, boating, ground, cross, Souix St. Marie

ideal, life

STIMULUS - 28. White

617	black	
136	5now	
3 9	Cark	
24	light	
23	house	
12	blue	
iī.	red	
10	clean	
ઇ	color	
7	Christmas	

6 cloud, bear, rat, pure

beautiful, sheet

cloth, wash, sky, murse, wadding, dress, cat bright gown, rain, horse, shirt, rose, cotton

crayon, brown, bells, spotless, milk, lace, bird, scarf, cool, cliff, rabbit. Virgin Mary, river, wall, water, yellow, dog, ball, boy, warm, bride, brilliant, green, colt, sacred, earth, no, dove, show, ambulance, slow, uniform, grey, bright, face, hair, gold, hack, glare, castle, skin, white, sands, chalk, hospital, paper, blanket, tie, marble, angel, straight, linen, blank

STIMULUS = 29, Beautiful

209	ngly
144	pretty
142	girls
106	Woman
67	homely
45	lovely
23	nice
18	picture
15	lady
12	flowers
10	mountain, snow
7	Ohio
6	music, scene,
	good, soft
5	day, lake(s),
_	scenery
և	gorgeous, nature,
	dreamer, queen,
	landscape

3 sweet, wonderful, hair, color, painting, tree, sky

tall, blonde, cute, dumb, view, beauty, house, norrible, exquisite, sunset, butterfly, song, Marilyn

America, line, exciting, dark, car, white, scenio, attractive, adore, deer, gay, appearance, church, black, joy, hills, Shirl, plain, pink, country, delicate, summer, mirror, man, red, blue, garden, neat, art, person, ring, Mary Ann, sex, light, for spacious, Ester, dull, like, countryside, terrific, Q body, bountiful, handsome, pleasing, good looking, colorful, skin, swful, angelic, river, looks, ster, girlfridad, fine, brown, face, door, dress, intelligent, see, moonlight, water, window, happy, dog, orderly, glass, lack, forests, schon, slick, doll, icicle, knockout, fair, eyes, actress, awful, desirable, morning, religion, sad, deep, spring, night, bird, Cinderella, object, heavens, enchanting, wish

STIMULUS - 30. Window

door

191

171	glass	10	scene
126	pans	8	outside, chair
66	shade	7	sash, clear, frost
	light	6	bay, snow
59 49	sill	5	air, high
	see, house	Ĺ	picture; box, wash, room
33 28	open	3	opening, woman, Gransparent, screen, sight,
23	look		tres(s), sun, wall, washer
20	curtain		
12	frame, view		

ledge

STIMULUS - 30. Window (continued)

- 2 seat, shutter, dressing, street, porthole, hole, fenetre, home, dirty, space, flower
- large, sky, dream, wind, landscape, mirror, cloud, curtail, scenery, bench, cleaner, storm, shop, bars, wiper, wood, vision, break, cold, nice, floor, peek, man, million, shelf, people, broken, ear, bright, rain, outdoors, buildings, shopping, peeper, shape, orphan, wide, world, cord, old, husband, rock

STIMULUS - 31. Rough

439	smooth	3	skin, surface, even, golf, stone(s), edge,
69	hard		enery, street(s), field, hewn, brown
44	road	2	cowboy, calm, football, heavy, feel, land, life,
42	tough		course, house, weak, easy, bark, light, bump,
38	soft, sandpaper		wool, gentle, nut(s), guy, citizen, ice, beard,
26	hand(s)		stucce uneven time, bad, paper, cement, pebbles
18	ready	1	log, tumble, cough, stuff, red, wind, hazy,
15	coarse	-	steep, test, dirt, zoology, dog, difficult, iron,
-			
11	wood		shod, file, it, character, handle, noise, wall,
10	riders, rugged,	sand	terrain, women, north woods, plow, whiskers,
7	man, board(s)		tweed, icy, row, sandy, painful, post, lumber,
٤	sea, ground		hilly, game, hills, stiff, sled, headache,
5	gravel, sharp,		finish, west, boy, criminal, sport, touch, math,
	water		CE 142, cold, waves, stick, heart, corduroy,
4	jagged, dark,		enoot, rocky, callous, picture, riding, shallow,
-			morning, bumpy, texture, chair, gang, cut,
	harsh, weather,		
	mountain		Superior Wisconsin, plowing, grass, unsmooth,
			ride, sewage, physics, strong, fought, table, saw,
			long, tender, chapped, sides, frog, going, fast,
			tangle, brush, scratch, nail, estranged, sailing
			saugras prants normanis merrs approusant parring

THE PROPERTY OF THE PROPERTY O

STIMULUS - 32. Citizen

114	$U_{\bullet}S_{\bullet}(A_{\bullet})$ 4	city, Datriotic, public, town, ship, John Doe,
112	man	comrade, nation, aid
105	person 3	
92	American	upstanding, duty, friend, yes, rights, Russia,
87	country	president, native
79	alien 2	convict, plebian, slave, not, myself, criminal,
39	pe o ple	non-citizen, fellow, traitor, paper, free, solid,
35	state	committee, army, French, Ike, voting, pol.sci.,
22	vote(s)	Roman, enemy, building, bad, mayor
15	me, patriot 1	resident, guilt, patriotism, communist, court.
13	flag	patrician, privilege, courthouse, inhabitants,
12	vcter	back, politics, exile, freedom, bold, human,
11	foreigner, government	history, bank, teacher, neighbor, official, red,
10	America	mercenary, social contract, Minneapolis, Greece,
9	Paine, France	displaced person, spy, peasant, constitution, boy,
7	foreign, good	partiant, king, council, taxpayer, leg. Jones,
6	Kane, immigrant	heel, staunch, tired, meen, navy, floa, judge,
5	Genet, soldier,	bourgeois, united, mister, police, belong, citizen,
	member	revolution, take, proud

STINUUS = 32. Citizen (continued)

naturalisation, chub, panio, number, big wheel, natural, sucker

athlete, afoot

STIMULUS - 33. Foot

232	ahoe(s)	
198	nand	
191	toe(s)	
77.8	1.00	

head, 12 inches, hurt finger(s), kick, step, slipper, sleep, body pad, stool, wear, bed, ruler, ache, small, ped, pound, note, big, walking

26 soldier 23 feet, ball 14 walk

1 rat, horsehook, snow, football, person, knee, physics, dog, hander, mule, wall, skin, rest, galosh, wash, hat, bone, lye soap, broke, skil boots, pedal, cement, doctor, fly, sidewalk, essential, end, sole, bath, limb, nail, brake, distance, smell, print, hang, measure, stand, club, appendage, slow, web, large, band, cold, rabbit, shoulder, stocking, spider, operation, asleep, stub, mark, powder, below, ground, movement, length, frozen, ungainly, travelsr,

13 ankle 10 arm 9 8 scre

76 boot yard sock(s), mouth

inch(es)

STIMULUS - 34, Spider

454 web 152 insect pug(s) 50 leg(s) 37 34 fly black 18 crawl 16

an imal 12 ant Black Widow

96 fear, poison afraid, worm bite, spin, ugly

ish, widow, fright, arachmoid, net, dog, eight(8) 2 wall, Tarantula, dark, crawling, run, zoology,

(Miss) Muffet, creepy, icky, snake, horrid,

scared, cobwebs, bird, poisonous mouse, mites, small, feelers, interesting, 1 Lady Bug, insect, beetle, shiver, cockroach, orthopters, alarm, avoid, gray, spiderweb, cat, corner, distaste, spinning, ugh, morbid, awful, horrible, rat, claw, boy, jump, fur, scream, unbeneficial, pan, room, evil, bure, furty, unpleasant, squirm, chills, sit, life science, arm, shape, thin, man

STIMULUS - 35. Medle

452 thread 140 pin(s) 72 64 ere SOW 55 sharp havstack 27 point 22 prick 18 sewing

2

pain steel, cloth, thimble, hole, doctor

3 yarn, stick, shot(s), long, burt, string, injection, hay

stack, art, embroidery, tree, pine, knitting, spool, tailor

1 record, needle, threat, foot, spin, magnet, nose, craft, blood, hot, valve, button, barb, dragon fly, hypo, me, pinetres, stab, jab, scap, machine, phonograph, pierce, use, thin, shall, metal, sewing machine, head, knit, instrument, narrow, pricked, finger, plasma, addict, sliver

STIMULUS . 36. Red

221	white	5	apple, bull, dress
196	blue	<u>)</u> ;	warm, commis, dark, head
121	black	3	cap, hat, paint, spy, sea, danger, sweater,
	green		house, China
93 46	color	2	cape; underwear, sunset, mad, ball, star, dog,
29	blood		pink, tape, anger, orayon, eye(s), paper, sails,
23	commist		shirt
19	yellow	1	rage, heat, sign, incorrect, face, purple;
17	flag		hurt, communism, ink, brilliant, jacket, sun,
15	bright		beautiful, handkerchief, wagon, vibrant, beard,
10	light		Christmas, blanket, string, orange, lipstick,
9	hot		stoplight, sheep, feather, heifer, left, sharp,
8	hair, shoes, stop		exciting, pen, carpat, flame, hood, nose, USSE,
7	Russian, river,		dept., hue, deep, cow, bee, slive, heart, girl,
	cloth		skirt, school, barn, flier, shy, velvet, Indians,
ò	Russia, coat, fire		printing, wine, clothes, rose, lips

The state of the s

STIMULUS - 37. Sleep

236	bed	3	dark, lay, eyes, long, quiet, insomnia, drowse,
110	rest	,	relax
100	awake	2	classes, morning, slept, sick, health, die,
90	tired		peaceful, more, walker, study, baby, anger,
81	dream		down, girl, mutton
78	neke	1	now, black, hunger, dog, haven't, sheets, in,
lii	night		resting, stop, recline, out, home, bear, closed,
52	eat, comfort		yawn, nod, blizs, sleepy, need, happy, wakeful-
21	sound		ness, lots, talk, little, mattress, wake up,
19	slumber		grass, lounge, eye-lids, me, pills, late, dead,
17	snore		more off, pleasure, work, pill, hard, No-Doz,
11	pillow, deep		block, til-noon, ease, best, nothing, light,
8	good, soft		men, drowsy, hours, wool, stand, child, don't,
6	awaken, welk		window, rise, soundly, stop, satisfy, enjoy,
5	well, peace, nice		silent, blanket, covers, tire, nod
11	drink, tight, doze		

STIMULUS - 36. Anger

353	mod	6	joy, mean, fury, frustration
83	fear	(5)	friendly
6,1	hate	4	sorrow, shout, person, emotion, sad, bad, bot, boy,
49	rage	3	laugh, madness, calmness, hat, dislike, yell,
3.5	temper		tears, eyes, kind
28	red	2	
21	ire, wrath		pleasure, jealousy, cross, frustrated, afraid,
20	happy,		harsh, fire, hunger, peace, loud, strike, hope,
19	fight	1	
13	hatred		furious, women, stubborn, terror, want, torment,
12	man		mood, regret, tense, fit, placid, adrenalin,
11	fright		rest, headachs, danger, divorce, foolish, still,
10	calm		get, delight, fierce, happiness, clamor, blush,
8	hit, love		pleasing, pleasant, nesty, high blood pressure,
7	mrt, disgust		charity, fearful, rashness, gentle, friend,

STIMULUS - 38. Anger (continued)

knife, tlack, face, resentment, bitter, will, scream, like, pride, kids, insult, sweat, anger, burn, jump, severe, irate, uncomfort, malice, sound, excitement, mother, sore, smile, sadness, grief, scorn, baby, yell, sweetness, confusion, disturbance, stemach, growl, dog, crazy, parents, blocked, cool, tranquility, annoyed, teacher, threat, joyful, thirst, desire, Helen, patience, seethe, surprise, pout, irritability, set, sullen, deep, solitude, upset, rouse, unpleasant, laughter, fist, cruel, tired, gutburst, disturb, mildness, worry, contempt

STIMULUS - 39. Carpet

460		r	doon made week blue
	rug	2	deep, magic, wool, blue
165	floor	4	living reem, beetle, plush, color
82	soft	3	comfort, smooth, mat
27	red	2	mohawk, table, weave, Persian, warm, black,
21	sweeper		slipper, clean, hall, vacuum, feet (foot), grey,
20	tack		rough, cloth
17	walk	1	
16	bag		beater, lecture, rich, scold, brad, nap, nail,
11	room		topaz, cover, broom, dean, spring, lounge, none,
10	house, bagger		lay, rag, long, shoe, wine, caps, flow, dirt,
9	green		role, flat, white, pretty, flowers, wet, pillow,
8	chair, thick,		covering, knee, velvet, depth, Bagdad, army, use
	sweep		washer, called, blanket, nice, flying, dad,
6	home		furniture, weaving, brought, design

STIMULUS - 40. Girl

			and the second s
704	bo y	ż	dance, Mary, party, Joan, laugh, Shirley, guide,
49	woman		house, curls, high school, bed, pigtails, she,
18	friend		re, car, child, fine
17	young	7	baly, Sue, sweet, myself, daughter, look, large,
14	dress		clothes, horse, Marilyn, skirt, little, glamor,
13	pretty		Susie, cousin, Sharon, sharp, braids, beauty,
11	hair, nice		gay, doll, Christmas, Beverly, smile, dog, piano,
10	man		sweetness, Nancy, legs, fellow, ago, touch,
?	beautiful		scarf, libstick, soft, blonde, yeah, Barb, youth,
6	scout, cute,		virgin, companion, wife, player, sweetheart,
	school, date		broad, sister, sweater, wow, red, girlfriend,
5	femaJ.e		my girl, Ardis, mother, boby sox, fat, lovely,
4	lady, sex, good,		college, body, kid, niece, tall, question mark,
	love		play, spy
3	hat, girl, student		

STIMULUS - Li. High

675 49 32 18 17 13 11 10 8 7 6	low school mountain up chair, tall tower jump ladder noon, building above, cliff sky	5 4 3 2	drunk, hill, heels wide, top wire, down, long, horse, bridge, height, moon, shoes, cleuds, place, fence, steep fall, short, dry, way, wind, liquor, ceiling, wall, dissy, perch, plane, sirplane Scotland, lights, table, giant, deep, music, mighty, huge, climb, dive, fun, tall building, scaffold, water, sick, lofty, score, ball, ambitions, beyond, stepladder, note, peak, big, broad, board, kite, room, round, sight, river,
	_		broad, board, kite, room, round, eight, river, ride, beer, Foshay tower, mark, white, small, diving, diving board, window washer, toll, fly, steeple, space, strong,bar, high chair

STIMULUS - 42. Working

132	herd	4	girl, hours, eweating, slow, people, late, wages,
99	loafing		relaxing, eating, slaving, hospital, laboring
79	sleoping	3	fatigue, sitting, leisure, typing, toil, no,
65	playing		earning, out, tools, shovel, office, class,
48	men		summer
45	money	2	stopping, day, relax, Boredom, vacation,
42	resting, Labor		haul, effort, studies, railroad, rough
40	lazy		Dayton's, helping, shop, bad, book, conditions
29	job	1	hand, father, Jim, dislike, payday, trouble, nix,
28	tired		help, carpenter, moving, hay, brand, tail, per-
18	hours		spiration, dough, machines, table, plugging, if,
13	rest		drudgery, mop, telephone, truck, gravel, sick,
11	fast		east, bench, move, slave, sit, do, had, monoto-
9 8	busy, school		nous, mine, hurry, lend, progress, parking lot,
8	pay, play		clerk, stop, steady, La Belle, axe, digging;
7	sleep, doing,		shorthand, problem, too much, boss, music, crew,
	loaf, studying		factory, exercise, nights, action, tough, dogs,
6 5	sweat		reactor, cold, lax, laborers, ish, skilled, non-
5	store, fun, work,		employed, production, law, Sears, straining,
	idle, time		house, sledge hammer, occupation, desk, thinking,
			powers, roof, bricklayer, drawing, good, part-
			time, singing, flour, bank, waste, quiet, shift,
			cafeteria, not, shoes, drugstore, run, unemployed,
			baracade, saw, task, making, coft, living, sewer,
			talking, diligently, women, walking, streetcar,
			shoveling, college, with

STIMULUS - 43. Sour

568	SWeet	0	Dag
91	grapes	5	fruit, grapefruit, mach
63	lemon	4	puss, whiskey
60	bitter	3	buttermilk
ЦÓ	milk	2	tert, edid, sauerkraut, soup, pucker
24	taste	1	neighbor, cheese, wine, green apple, sleep, alum,
22	cream		dish, stale, sugar, can, distaste, good, plum,
21	dough		hurt, awry, orange, bad taske, chocolate milk
18	apples		soured, tongue, lunch, juice, dry, food, spit,
14	pickle		disagreeable, high, mix, earth, gin, bread, pop,
12	vinegar		spoiled, pie

STIMULUS - AA. Earth

130	round	
118	dir.	
108	ground	
79	moon	
ΰŽ	sky	
60	runrld	
36	land	
35	planet	
33	soil	
28	sun	
26	globe, heaven	
22	worm	
16	Mars	
14	universe	
7	black, hard,	
	man	

water, mud, sphere, tremble, quake, air

hig, good, life, people

brown, clay, tremor, sod, red, crust, sand,

geology, stone

plants, Venus, U.S., war, sail, ball, salt, terra, pearl, green, hill, space, cold, tumble, mover, hole, plow, grass, sea, trouble, blue,

home, warm

Columbus, mass, deep, loam, strength, field, depth, physics, hand, immense, steam shovel, dry, germs, astronomy, move, countries, Jupiter, food, grain, rotation, science, dirty, work, live, foundation, Pearl Buck, soiled, rocket, farm, body, wander, sad, spin, mine, smell, solar, store, God, rich, mother, crusher, crops, gravity, hemisphere, gravel, fire, rock, revolving, sclar system, rotate, wet, nice, atmosphere, north, below, dark, low, mountainous, equator, shake, garden, molten, ocean, metals, geography, white, earth, misery, sound, bound

STIMULUS - 45. Trouble

star

6

39 **ba**ď 49 shooter 45 worry(les) 4]. danger 32 sorrow 26 fear 24 school 23 problem 20 police 19 fight, sad 18 happy 17 difficulty(ies) 16 рзасе 15 hard 14 help, maker 12 jail, anger 10 man(en), pain 9 double, ease, war, bubble, cop(s) 8 woman(en), anxiety, easy,fun sadraus, grief mis⊹ . oy, car, s, sickness, happ. accident disaster, money, mess

comfort, ill. law, hate, unhappy, people, work, smooth, some, unhappiness, wrong, bother, world, sin, me, care, hardship, scared, sick, time, ail, mad, pleasant, court, solution, bothered, toil, confusion, unpleasant, girl(s), misfortune, woe nerves, concern, turmoil, peaceful, children, tough, joy, gun, crying, enemies, good, water, cause, mischief, rough, with, punishment, O.K., mistake, brewing, illness, black, angry, now, psychology, safe, tail, pleasure, trial worth, complex, neat, many, sweat, dutch, cry, headache, luck, dislike, arrest, study, in, much, worried, forget, marry, sleep, calm, kind, aid, Mr. Bengston, excited, horror, need, exams, blues, basketball, innocent, free, involved, soft, quarrel, travail, alley, gripe, distress, Russia, frustrate, scold, web, brig, theft, Gcd, crook, mine, relatives, class, soldier, murder, content, muddle, witch, aggravation, streetcars, rest, discouragement, necessary, crash, distant, guest, freedom, conscience, frown, non-trouble, hard times, disgust, gasp, party, dick, death, Jamet, safety, counsel, annoy, conflicts, air, teacher, delinquent, business, flunk, terror, U. of M., brother, negro, food, disturb, me, test, discontent, dark, trick, despair, sinister, seen, irk, sound, helplass, discomfort, home, criminal, Madame Butterfly, do, strife, Korea, kids, uneasy, weak, crime, ticket, disturbed, car, shoot, more, land, trouble, ahead, father, Bob, spot, harmony, sorry, disease, fine, evil, fix, family, teeth, kill, yes, come, worried, nothing

STIMULUS - 45. Trouble (continued)

1 Jerry, S.A.B., night, scrap, avoid, jam, starter, spinster, punish,
argue, hurt, comfort, econ., uneasyness, hope, eat, some, slow, word,
trying, beef, quiet, run, no, face

STIMULUS - 46. Soldier

187	army
782	110

101 man(e)

e7 war

86 gun

56 uniform

40 fight

23 boy

17 Korea

12 march

9 foot, civilian

& G.I.

5 draft, fighter, navy

A captain, rifle, brother, field, infantry, military, service, ROTC

3 friend, efficer, shoot, warrier, khaki, Ike, marching, me, marine, private

2 helmet, tim, carbine, weapon, air force, cross, command, wac, death, (h)gah, citizen, airman.

good, brave, straight

Woman, leave, peace, pony, discipline, person, Hank, nurse, future, enemy, sucker, dummy, put, hero, sargeant, suit, policeman, "looie", fire, statesman, Napoleon, gay, woody, fighting, halt, excitement, guard, shoe, peon, guy, U.S.A., sing, orders, steel, German, away, hurt, airdale, John, open, medal, country, trap, care, discharge, sear, checolate, fool, major, O.K., walking, tan, combat, two years, grey, doggie, jerk, wife, enlistment, battle, where, murderer, head, pirty, cute, strong, fortune, general, arms, three, walk, brase, nuts, slave, rank, patrol, jed, courage, salute, armed, olive drab

STIMULUS - 47. Cabbage

165 head

149 lettuce

139 vegetable

80 food

54 salad

51 eat

47 green

34 Farden

27 leaf

El Tear

22 sauerkraut

19 smel1

16 slaw

15 match

14 plant

11 carrots

10 ocrned beef, soup

nam?

7 king, fruit

rabbit

5 cook(ed), field

4 cole slaw, sour, eating, round, can

3 kraut, vinegar, worm, odor, stew, garbage2 boil, raw, spinach, waste, bett, meat, good

heat, sauce, dinner, bad, celery, beans, boiled, hard, lousy, jiggs, skunk, insect, ugh, burn, red, cream, crisp, vegetable soup, ish, dorm, steps, pigs feet, apple, chew, stink, cauliflower, nasty, spareribs, taste, root, money, weiners, terrible, rhubarb, rutabega, corn, man, butterfly, cheese, distaste, grape, broccoli, hay, pail, bundle, kitchen, dressing, bag, horrible

STIMULUS - 48. Hard

674 soft 48 rock

24 easy

23 agg

19 boiled

16 work

13 head

12 stone, smooth

il steel

10 wood

9 nail

7 ice, tough, table

6 floor, ground

5 difficult, metal

STIMULUS - 48. Hard (continued)

- rough, tack, solid, brittle, light, candy, bed, diamond, man, surface
- board, pencil, shell, luck, ball, top, knock, hand, iron
- hunt, box, school, cash, salt, hit, point, set, get, cold, money, brick, cement, shiny, block, effort, secure, pool ball, sidewalk, hammer, feel, bread, firm, liquor, peanuts, compact, apple, touch, knife, glass, lumpy, desk, adament, breaks, angry, leather, sauce, hurt, mibber, headed, stiff, lard, way, auto, lead, econ.

STIMULUS - 49. Eagle

- 550 bird
- 72 fly
- 34 scout
- 28 wings
- 23 16 nest
- bald, America
- 14 U.S.
- 13 symbol
- 12 flag, beak
- 11 sky, hawk
- 10 high
- soar, feathers, flight
- 8 emblem, flying
- 7
- coin, claw, money 6
- mountain

- dollar, gold, air
- 3 lion, sparrow, colonel, army
- wren, spread, liberty, robin, majestic, birch, rock, free, country, double, vulture, large,
- animal, power syris, uniform, fish, squadron, \$10, brush, owl. parrot, big, soaring, globe, tear, egg, noble, bend, Bernie Dierman, gray, monarch, craig, victory, football, trees, strength, bugle, banner, summit, neat, chicken, north woods, erne, pencil, colored, duke, beaver, cliff, head, indian, temple, falcon, patriotism, a, quarter, mighty, switch, dive, buzzard, freedom, might, sharp, polka, stop, point, sharpness, golden, screech, field, talon, keen

STIMULUS - 50. Stomach

- 211 food
- 210 ache
- 86 eat
- 69 intestine
- 47 ulcer
- 42 hungry
- 28 body
- 23 organ
- 20 pains
- 18 hunger
- 13 belly, pump, full
- 11 digestion
- 10 trouble, gut, sick
- ਲੋ eating, hurt
- 7 abdomen, empty, flu, heart, upset

- 5 liver. muscle, head, mouth
- 3 soft, juices, gastric, inside, sore, zoology,
 - sickness, sack, appendix, man, health, anatomy,
 - viscera, ill, indigestion, round, kidney, hit, digest, growls, gas
 - green and white, ulster, lunch, satisfied, throat; vomit, film, churning, gastric juice, science, lung, cast iron, me, butterflies, HCl, cavity, saliva, cramp, gastro-vascular, nerves, throw-up, peptic, smooth, fat, ear, feed, low, disorder, grind, esophagus, orange, worm, bear, cancer, burp, pylorus, pot, turn, diaphragm, hand, fill, duddenum, large, leg, part, want, middle, physiology

ल्क्नाम्<u>गा</u>ड = 51, वर्षः

102 224 125 17 27 16 12	flower plant leaf(ves) root tree branch stern, pips rose, lamp apple	1	stalk, fruit, bulb twig, stem, from, petal core, response, long, brain, bird, leg, tide, water, tulip, words, limb, watch thread, come, asparagus, blossom, cherry, pear, blade, flow, wind, hay, pistol, flat, base, NR, while, start, bowl, bottom, handle, vapor, verb, weed, lem, pumpkin, botany, tip, worm, stipules, reed, grass, ground, vascular, locom, string, line, coess, rice, mushroom, paynh,
7	glass, bud, trunk.		string, line, ocean, wine, mushroom, payoh,

STIMULUS - 52. Lamp

633 125	light shade	5	bright, read, chair, lighter
62	table	3	on stand, bed, dark, burn
35 25	bulb	2	base, Aladdin, oil, see, glow, lamp, study, stem, chimney
12 8	black floor	1	house, cottage, living room, stove, filiment, wick, shelf, card, globe, boy, pretty, chop,
7	desk, cord		animal, ugly, warm, window, power, poster, port, modern, worm, vase, broken, kerosene, tight, sun, sleep, limp, lathe, metal, electric, door, stool, glame, pump, white, rug, electricity, odd

STIMULUS - 53. Dream

453	sleep	5	conscious(unconscious), scft
89	night	4	world, pillow, story, pleasant
50	nightmare	3	true, man, rest, fumy, picture, house, daze, NR,
35	wish		Vilm
31,	girl	2	reality, happy, boy, see, sleeping, morning,
31, 25	qa y		color, desire, comfort, dark, delight, real,
22	bed		wander, now, dremmer, hazy, sex
17	boat	1	slept, child, image, people, snakes, mind, blue,
15	good		boy, pit, float, last nite, nest, trip, intense,
15 14	think		come, peace, mediate, idea, walking, you, read,
13	awake		queer, subconscious, Bing Crosby, fear, Bick,
10	vision		comerts, ugly, about, expression, gaze, plun,
9	olouds		adventure, ecstasy, nope, light, asleep, Marilyn
8	daydream, nice, sweet		Monago, might-time, memory, symbol, have, Bill, dream, lazy, auto, slow, beauty, confession,
7	fantasy, wet, had,		avid, when, white, car, content, best, playing,
	thought		tired, forget, yellow, scream, drifting, psych.,
6	Freud, wake		illusion, Roger, pleasure, love, land, figure, always, scene, imagine, Darlene, analyze, of

STIMULUS - 5h. Tellow

156	blue	-5	corn, lemon, buttorfly, dog, banana
115	re ದೆ	5	aga, river, car, chicken
105	color	Į,	caution, jacket, pretty
89	groom	3	room, pink, sweater, bed, rose, jaundice,
73	black	_	Jap, Chinese.
29	flower, brown, white	2	bellied, purple, sunflower, pisture, bee, sky, fellow, kitchen, wall, daffodil, soft, afraid,
24	orange, bright		spread, daisy, man, shirt, belly, convertible
21	butter	1	carrot, cold, paint, mine, sign, seeds, race,
17	sun, coward	•	fruit, dye, board, leave, crayon, cloth, eyes,
īġ	birds		scared, stoplights. fly, doll,
īž	golii		pear, ugly, top, badge, jack, yarn, egg, flat,
11	cab, lig.		narcisaus, mountain, guts, band, pus, violet,
10	canary		tulip, slow, bead, streek, maid, stripe, daria,
- 9	hair, fever		sap, wheat, stone, back, bulb, scarf, spider,
é	ribbon		cloud, circle, stars, shade, pencil, wallpaper,
7	dress		straw, rod, run, bug, taxi, horast, coin, head,
•			orchid sick, dandelion, flag, haselnut

STIMULUS - 55. Bread

6 10	butter	6	knife, wine, coust, slice, rolls
94	food	ŗ	loaf
76	est	4	cake, wheat, toest, samiwich
29	water	3	box, rye, basket, hunger, board, yeast, soft,
15	white		starch, brown, good
14	milk,	2	fresh, stale, hungry, meat, dark, fruit, hard,
	jan		line, rise
11	flour	1	gray, moist, wrapers, home, pork, Greek, plate,
9	jelly		course, homemade, rice, stemach, staff of
7	dough		life, raisin, carbohydrate, juice, penicillin, muffin, cutter, cut, lunch, crumb, sunflower, texture, tasty, pan, dry, Master, salami, bun, staff

STIMULUS - 56. Justice

250 182	peaca law	3	statue, honor, none, duty, black, mercy, cops, Holmes
163	courts	2	balance, lack, America, democracy, equal,
102	.tudge(s)	-	Plate, unfair, robe(s), triumphe, punishment,
	injustice		1 12 10 (MICALLY 1005/87) OF MARKET SAME OF
38	•		ionesty, Supreme Court, power, fairness,
33	right		righteous.
12	liberty, good	1	fruit, guilty, peach, U.S., Aristotle, deceit,
9	truth, government,		land, prevails, legislative, now, person, true,
•	jury		F.B.I., unjust, illegal, just, office, jail,
ð	blind, fair		againetial importial union object mile
7	•		essential, impartial, order, chief, rule, war,
1,	man, supreme		marshall, criminal, of, graft, command, suspect,
5	of-the-peace,		city, to be done, chos choo, irony, die, uncle,
	crime, trial,		Galsworthy, unknown, maljustice, stern, done,
	department		clear, grace, word, day, slow, light, due,
ù	equality, police,		
4	Consider police;		judiciary, prescher, legislation, love,
	freedom, scale(s),		cruelty, desire, goodness, prison, grape, hope,
	evil		marriage, boy, worthy, fear, woman, football,
			Jean Valjean

STIMULUS - 57. Boy

768	girl
41	men
37	soout
10	dog
8	olay, small,
	friend, young
7	brother, little,
	ch il đ
6	school
6.5	lad
4	fish(i), male

rough, blue, son

toys, sex, barefoot, boy, gal, bad, wagon, youth.

corduray, dirty, hair, Jr., Winslow, father, dirt, naughty, love, brat, orewout, nephew, sign, clothes, pep, oh boy, bail, cutside, stone, cap, bat, ball, trousers, fun, o, trouble, date, hit, playing, sports, fight, happy, blonds, kits, young man, Brian, football, short pants, eager, gargon, hunt, carving, cott, pal, soldier, son, curly, ship, mischief, sir, pants, person, he, stop, Roger, brown,

STIMULUS - 58. Light

dont

61.7

OHI	CRIN
78	lamp
30	bright
25	SAM
23	bulb
16	heavy, day
12	house
11	588
10	window
5	switch, soft,
	candle, black,
	heat, darkness,
	white
4	night
	-

shade(s), rad, brightness, yellow, heaven, color, weight

2 shadow, street, health, green, hair, electric, blue, morning, match, clear

look, shine, high, out, glass, electricity, awaken, star, sky, cheery, read, warm, sunshine, spot, olub, feather, object, brown, electric bulb, hand, Edison, sound, hard, study, dark or heavy, waves, apple, path, air, luminous, beam, time, post, fair, flame, lamb, eyes, dirt, sasy, o reamy, hurts eyes, love, world, lift, desert, snow, lightning, year, truth, ceiling, boat, daytime, earth, beach, glow, head

STIMULUS - 59. Health

250 160 80 75 12	sickness sick good happiness wealth
36	happy
34	well
33	ill
29	illness
27	doctor
19	service
14	s trong
12	food
11	hospital
10	disease
7	body
5	vigor

center, pain, robust

3 boy, energy, clinic, athlete, life, fine, comfort, red, fun

blean, healthy, light, condition, building, book, class, sports, well being, eat, physical; public, strength, safety, department, medicine, teath, pills, vitamins, insurance, school. milk, unhealthy, play

young, PH-3, thermometer, hope, burcau, harmony, 1 home, feel good, smile, apples, rosy, me, active, purity, youth, nurse, eager, good food, state, salud, mutrition, resort, certificate, myself, can I walk, welfare, Y.M.C.A., death, ruddy, swim, good mabured, gift, smallpox, first aid, people, poor, drink, warn, public health, person, anxious, Boy Scout, radiance, standard, man, love, aspirin, green, son, 4-H, accidental, blood, I-A, 1981, mother, girl, heart, enjoyment, joy, hygiene, lively, humor, personal, trouble, feeling, weight lifting, good care, able, form, us, fit, exercise, Window

STIMULUS - 60, Bible

236	0od
205	book
125	church
100	religion
56	story(ies)
50	holy
35	read
22	ບັດສ າເຮ
<u> </u>	guo <u>q</u>
11	Christ
10	tiruth
8	study.
-	

Moses; black

faith, prayer reading

testament, history, school, life, home, verse(s)

word, Lord

home,

Ŀ

2 pray, salvation, love, Korean, Joseph, Psalms,

right, true; "salm"

l bahi, ancient, gospel, English, minister, me, scripture, religious, passage, preache. Christianity, heaven, stible, Christian, memory, fiction, necessary, leather, reap, newspaper, great, class, lessons, joy. Jesus Christ, teach, red, sermon, fantasy, tale, pages, Luke, bad, why, fool, ethic, law, heavy, peace, table, journey, pure, goodness, girl, false, cross, saints, great, God's word

STIMULUS - 61, Memory

119 59 80 58 41 35 32 22 20 19 18	mind remember forget think thought(s) psychology recall good dream school learn(ed) test, learning
16 15	past, poor, imag bad, retention,
14 13 11 10	brain sleep thinking, lane forgetting study

forgetfulness, book(s) work 7654 loss short, blank lost, word(s), intelligence, versa retain, read, long, know, pleasant, youth, happy sad, wish, memorize, yesterday, poem, quiz, span, idea, pleasure, remind, love, none, forget, amnesia, reminiscing, lapse remembering, language, stimulus, memory, sharp, time, vision, life, elephant, poetry, objects, gone, nothing, imagination, chilahood church, no good, verbal, problems, dates, lesson, forgotten, events, I.Q., class, black, land, father, text, recalling, remembrance, man, yes, retaining, of, deep, mom, behind, age, wow, hotel, hard, temporal lobe, nostalgia, plan, fly paper, absent minded, recollect, false, use, lacking, songs, mist, recognize, drudgery, fair, strong, photographic, car, knowledge, Joe, try,

things, lake, experience, vivid, joke, neart, train, armory, traces, friends, response, help, lasting, urge, story, recognition, sweet, hear, tester, seem, east, learning, head, see, ship, education, hunger, girl, O.K., listen, daydream,

retantive, system, events, serve, understanding,

paper, alert, numbers, sins, grandmother,

STIMULUS - 62. Sheep

201	wool 4	grass, shear, lamp
198	lamb 3	horse, follow, shorn, soft, woolly, est,
75	animal	meadow, fleece, fold, fur, food, runch
75 66	matton 2	hair, ianclin, graze, people, bulle, skin,
64	goats	stall, calves, wolf, boy, stray
41	dog 1	God's people, money, good, group, house, bleat,
39	herd	meek, mouton, legs, bells, beard, run, call,
39 25 18	black	peace, furmer, creep, countryside, block,
18	pasture	wander, hand cream, red, fuzzy, pasture, foot,
17 15 14	shepherd, cows	eacrifice, Montane, Christmas, fat, sow, ram,
ìã	cattle, bas	jumping, prairie, grazing, style,
14		Bible, poems, oxen, wood, deep, hed,
10	flock	peep, clothes, glass, cloth, mungry, wake,
9	white	hoof, mouse, shearing, jump, country
- 7	fence	
5	herder, ewe	
5	field, dip, meat,	

STIMULUS - 63. Bath

314 2 20 102 58 42 38 23	olean water soap tub wash shower dirty	1 3 2 1	salts, cold wet, bathtub, bubble, bathe \$wim, Saturdar, relix, England take, sleep, oil steam, cleannese, smell, today, girl, drink, Maine, mat, Feb, baskatball, Shakespeare, suds, soothing, strub, dress, sponge, spa, draw,
14	dirt, warm, cleanliness		comfort, filth, toilet, health, refresh, naked, soft, hah, soum, dart, ish, scrub, washing,
13	house		lake, use, bed, nice, batholith, hygiene, boy,
10	hot		home, powder, cleanse, knight, town, bird
9	towel, room		

STIMULU3 - 64. Cottage

298	house	ŢŢ.	troos, marriago, yard, grove, stones, fun,
138	lake		window, roof
111	cheese	3	honeymoon, seashore, swim, sea, room, shutters,
37	home		cute, nice, shore, boat, peace
3.3	white	2	
32	cabin		love, live, two, for two, inn, cot, rest, log,
27	small		green shutters, green
18	do or	1	line, chimney, porch, contentment, grill,
16	fence		secluded, waterfoll, book, homey, hearth, white
14	vines		fence, peacefulness, serenity, building, path,
12	country		spa, Hasslen's, summer home, beach, hoses,
11	woods		river, neat, comfort, dwelling, field, landscape,
10	ivy		beer, lea, pretty, cream, village, lamp, moun-
9	summer		tain, cottage for sale, comfortable, lane, take,
7	roses		dog, sale, Winchell, camp, house-lake, conveni-
6	flowers, hut, cozy		ent, clean, shingle, place, fireplace, hillside,
5	vacation		sleep, mension, warm, housing, rail, woman,
			happy, scene, bed, stream, solad, little, clean,
			thatched, forest
			•

STIMULUS - 65. Swift

369	fast	5
238	ājóm	
33	river	4
32	meat	3
27	Jonathan	
Ž1	current	2
19	bird	
13	rapid(s), bacon	

water, stream

run, sure, ham

quick

deer

Gulliver

car, lard

running, Gulliver's Travels, horse(s), wind, flight, author, company

arrow, Tom, Armour, shortning, book chimney, cheese, speed, rush, airplane,

ranner, eagle, swallow Oliver, sudden, packing co., county, post, food, blue, dog. kick, silent, mercury, creek,

streaks, toeedy, raco

lightning, Charles, travel, block, work, wren, David, John, Grusce, meet packing, food company, calm, indian, writing, 220 Realc., butter, tide, pressum etcong, rifle, cream, mighty, go, cold, smooth, slick, novel, cattle, hawk, products, feet, flowing, fire, true, sad, greynound, track, pleasant, thrust, family, clear, hurry, train, north, quickly, blow

STIMULUS - 66. 31 ue

12

11

10

76

175	sk y
16 0	red
125	green
65	<u>color</u>
56	yellow
19 11	black
44	white
36	water
28	gray
20	рох
14	pird, dress
9	pink
9 8 7 6	gold
7	night, moon
6	flag, earth, dark,
	heaven, cold
	•

coat, Damibo, crange, car

cool, navy, ocean, baby, sea, pretty, syes, light, river, sad

berries, cloth, sweater, lake, book, mood,

2 eagle, true, ribbon, soft, day, cheese, uniform,

song, Air Force, azure, room goen, blue, stone, mold, ink, best, ugly, limpid, sore, clouds, emotion, pie, low, tin roof, truth, ski, flower, bunny, Hungarian, angel, nouse, suit, nice, beauty, bonnet, sport coat, brown, clothes, bad, strip, fish, horizon, lightening, haze, tri, horn, red, white &, bull, music, blood, boat, hope, washing, bark, wide, Monday, lonely, tango, prelude, tan, beetle, light blue, soldier, virgin, south

STINUIUS - 67. Hungry

260

362	food
17և	eat
69	thirsty
57	full
29	starved, stomach
25	tired
21	dog
11	pain
10	man
8	eating, me
6	people, beast,
	cold, starving,
	род
5	lunch, horse,
	dinner, appetite
	•

sleepy, empty, yes, bread, person, animal, feed, pangs, now, steak

country, mouth, cat, starve, fast, hangry,

sad, famished, satisfied ache, turkey, foot, satiated, fed, bear, sick,

Europe, angry, Greece

3

swallow, avid, DP, meat, ate, state, stimulus, migs; old, knowing, graveling ingot, court, hurt, strictly, wolf, chine, child, like, lips, feeling, hamburger, bird, desire, meal time. taste, æll, peasants, table, rat, ravenous, mad, baby, misery, searching, tramps, priest, beer', unhappiness, 5,000, orphan, umpleasant, sister, Koreans, discomfort, thin, feast, need, real, never, green, bad, goat, pie, heart, frustration, exile, well-fed, Jack, hash, eyes, ward, bed. content, not now, sails, ham

STEMBLUS - 68. Friest

328 189 66 43 41 25 23 17 14 12 10 8	church fatholic religion minister mun father black God robe pastor mun holy good, rabbi Bible	tichor, priestess, preacher preach, prayer, altar, clergy, white, mass, hood religious, saint, peace, pope, doctor, high, Christ, pulpit, queer, Catholicism, Roman, cassock, teacher, sleep, confession, surplice, honor, garb, think, friar, sir, person, pagan, rest, gather, marry, parish, love, official, temple, St. Thomas, fish, book, faith, beads, colibacy, understanding, prophet, flock, Catholic Church, fraud, pure, Rev., fook, Sunday, damm, potentate, solemn, song, Inca, jerk, clock, another, sacraments, no good, oxygen, helper, single, prelate, serve, house, parson, deacon, child, convent, scientist, devil, votican, byde, confessor, pious
-----------------------------------------------------------------------	-----------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

STIMULUS - 69. Ocean

314 233 111 26 20 15 11 98	water sea blue waves, deep Atlantic ship lake, Pacific, wide big river boat wet, salt green, floor liner	1 3 2	lend, large, rough, depth, fish, spray, vast voyage travel, huge, roar, cold, wind, calty, Hoo, Indian, dictance, tide, foam, swim, sail, sky cape, rear, ice, red, trip, side, beach, dark, going, vessel, white cape, perch, salt water, whiskey, baby, white, Black Sea, fog, steamer, west, tub, shore, shell, west, tub, shore, shell, west, tub, shore, shell, motion, top, roll; living, drown, earth, navy, France, gulls, deeds, pond
-------------------------------------------------	----------------------------------------------------------------------------------------------------------	-------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

toilet, lettuce

TOTAL SECTION OF A STATE OF A STA

STIMULUS - 70. Head

129. 126 68 58 56 34 33 31 29 28 23 20 19 16 15 14 12	hair fcot shoulders neck body hat eyes face top hands brain, achs heart toe arms tail think, cabbage man cap	11 10 8 7 5 4 3 2	toilet, lettuce person high round, strong, mind cold, nose scarî, can, cheese, start, beer mouth, ear, soît, hot, woman, stone, waiter, big, leader table, people, above, John, lead, bald, brown, haircut, bed, class, food, over, bolt, chief, heels, red, first, anatomy, thought organ, handsome, lavatory, looks, bathroom, on, dress, forehead, long, father, monument, torso, Sali, hunter, intolligence, behind, fat, halt, memory, house, water, cranium, move, dark, tall, guillotine, fall, John the Baptist, bottom, sick, glasses, scripture, Ruth, glove, globs, hurts, fore, horse, shoe, Chinese, cover, curiy, skull, dirty, less, back, navy, storm, features, dean, before, hydraulics, dome, anall, shirt, falit,
			coach, pate, thick, upper, thinker, band, pointed

STIMULUS = 73. Stove

235	hot	8	cooking, iron, gas
164	ກ່ອນເ	7	Light, range
7.09	pipe	કે	burn
72	cook	5	furnace, pot, leg
61	FASTAIII	Ī.	pan(s), bolt
54 36 35	fire	3	burner, pot belly, chimney, lamp
36	black	2	electric, red, house, fuel, icebox, top, old,
35	oven		smoke
23	food	1	coffee, room, handle, camping, lead, fireplace,
20	warmth	_	kettle, in, lit, league, post, cook stove,
17	wood		poker, flame, smell, bulky, chair, tube,
16	kitchen		length, boil, bake, glow, eat, grate, big,
12	lid		bellow, lining, cabin, heater, white
9	coal(s)		, , , , , , , , , , , , , , , , , , , ,

STIMULUS - 72. Long

758	short 2	?	string, lean, board, horizontal, stockings, big,
11	£61.10W		endless, pants, sleeve, life, river, story,
10	Tartow		hard, Slim, stick
9	john, time 1	L	snake, true, winter, class, walk, wire, hucy,
8	hair, far		meter, height, for, song, trip, stretch, yard-
7	island, road, thin		stick, path, Louie, down, day, stand, nose,
6	underwear		hands, dress, straight, train, around, past,
5	leg(s), rope, tall,		jeole, stilt, large, rirle, steel, psych., pole,
	ruler, low, line,		vacation, school, don, many, wail, feet, wait,
	distance		spaghetti, tedious, legged, dog, much, bon,
L	beach, run		straws, walking, lengthy, hollow, silence, head,
3	length, wide, knife,		painful, pencil, post, angleworm, winding, gone,
	want, arm, lake		ribbon, hood, way, stream, shot, awaited, tail,
			rog, barrel, fingers, gun, horn, rod, pier

STIMULUS - 73. Religion

285 196 70 37 27	God Bible faith, ontholic belief	lı 3 2	peace, Presbyterian, prayer, sect, pray, man(en) think, atheist, philosophy, Jesus, right, none, law, no sacred, orthodox, agnostic, study, soul, picus, opium, Congregational, learning, heather,
23	good	_	necessary, thought
22	•	1	practice, mine, tolerance, fanatic, school, die,
19	Luthoran		cross, bad, meaning, Luther, Communist, hell,
16	life		mission, mun, non-religion, now, theme, race,
1.1	<i>minister</i>		dream, mysticism, way, argument, Newman, mad,
10	protestant		Moses, greed, me, non, science, pew, one, nature,
9	Christ		mass, camp, truth, St. Thomas, talk, Sunday,
Ś	Methodist, book		mystery, escape, poor, word, holiness, weak,
7	Christian, holy, atheism		reverence, piety, Wesley, theology, ideas, Budhist, preacher, guidance, bishop, bunk, Jew,
6	Episcopal,		salvation, moral, distaste, St. Chaf. fake,
5	Baptist, Jewish, people, Christianity worship	· •	focey, fervor, denomination, mind, service, preach, ceremony, chill, ritual, trouble, bull, question, believe, moral, creck

STIMULUS - 73. Religion (continued)

see, important, doctor, my own, confusion, drab, ethics, form, goofy, yes, rosary, person, orders, live, drug, cloudy, rite, hypocrite, demagoguery, hate, reverend, way of life, jack, week

STIMULUS - 74. Whiskey

284 123 78	drink(s) drunk sour(s)
[1]1 [2]	beer
իի	liquor
41	gin
39	bottles
32	bad
16	alcohol, good
15	rye
11	glass, women
10	wine
9	rum, drinking
8	bourbon, evil
7	bar, scotch
' '	

soda, Four Roses

drunkard, sick,

bitter, ad, boome, hot, party, no, water taste, ugh, rebellion, liquid, hangover, lı 3

Seagram2 8

2 jug, Old Grandad, 7 & 7, cold, alacholic, warm, neadache, Irish, stimulant, beverage, brown, Saturday (night), intoxicated(ion), mix, drunkeness, fook

THE STATE OF THE PROPERTY OF T

never touch it, pleasure, herrible, Old Grow, poison, stupid, pain, Haig & Haig, 7 Crown, Oak., heave, dall nerves, aged, khhh, nice, barrel, contempt, squelch, history, Stevens, nose, dad, morals, biil, ice, joviality, immoral, thirsty, vile, ish, social, spirits, dry, stimulus, old man, ginger ale, yes, coke, sea, strong, bonded, dirt, dislike, delicious, New Year's, distrust, white, fail; sin, fun, muts, bum, foul, wrong, bunk, clear, prohibition, burp, powerful, vcdka, rye, wild woman, hoppy, binge, ercjoyment, sickening, no good, middle class, Corky's, club, color, tavern, burn, drug, still, woolly, cuttysarp, adian

STIMULUS - 75, Child

brandy

haber (4 - a)

5

700

159	baby(ies)
117	mother
74	adult
69	boy
62	small
39	young
33	kid(s)
30	little
28	man
27	parent(s), infant
20	play(s), girls
19	children
3.5	I ENCW
14	<u> </u>
12	₹04 6
10	oube, Lana
9	welfare
3	chool.
7	birth, cry
7 6	sweet, toy(s),
	son, brother

tot, nick niece,

indoce 11 .

youth, father, grown-up, bear(ing), happy, psychology

3 crying, doll, brat, labor, bad, dog, sister,

born, ball, health, adolescent, learn, grow, murse, trouble, Christ, clothes, friend, crib, diapers, home, fun, pregrant(cy)

sex, childish, family, mischief, youngster, sad, happiness, Sonia, nursery, well, lad, pediatrics, feed, human, breast, pain, future, playful, bottle, person, joy, soft, mess, too, monster, Calen, scrawny, scold, you, pretty, nephew, 6, development, twin, service, sleepy, pest, wept, snowball, spoiled, room, creep, hand, bed, white, disobedience, Charles, cold, pleasing, have one, prodige, two, Dave, Dick, simple, yes, grass, playing, try, John, sweet, laugh, bright, see, Stephen, kind, pleasant, smil. . walk, tyke

STIMULUS - 76. Bitter

652	sweet		
125	sour		
1 -			

taste

checolata

ribe

celd, lemor angry, bad

hard, mad

acid, almonda,

herbs

Fraue

grapefruit. food, fruit, vinegar, hate, anger

drink, strong, icky, angestura, unhappy, 2

quinine, tongue, not good

against, tough, anacasta, resent, mild, rid, tsa, berries, base, grimace, story, drug, happy, worse, bitters, disappointment, agony, argument, tears, mellow, acrid, duerer, red, eat, stem, resentment, weed, tasting, fat, olive, hot, distasteful, coffee, harsh, beer, whiskey, me, salt, pickle, retch, dandelion, truth, dose, poison, oranberries, chills, saccharin, apple, shame, butter, Truman, unpleasant, flower, awful, horse radish, medicine, oranges, sharp, terrible, ich, misery

STIMULUS - 77. Hanner

53.7 nail(s) 63 Saw

hit 52 pound

50 nead

38 tongs

27 tocl(s) 21 hard

14 sickle anvil 11

hurt

carponter, work, noise

thumb

4 thong, Russia, iron, wood

chisel, pliers

2 heavy, arm, forge, handle, loud, task,

axe, build, claw, ouch, building

hawk, Don, meral, beat, sound, Kike, axle, throw, shovel, dough, packing, steel, handk, tackle, home, break, finger, boy, sock, bench, sledge, pain, thread, barb, prong, strike, friend, blunt, implement, house, strong, sword, remain, struck, cycle, toe, blow, housework, whistle, can, father, melt, board

STIMULUS - 78. Thirsty

3)'8 water 296 drink 121 dry 99 hungry 16 beer 9 8 cold

whiskey, wet

IL₂0

tired, hot, glass

pop, quench

desert milk, coke

drunk, cup, boy, satiated, parched, thirst, eat

hunger, drank, stimulus, satisfied, full, no, uncomfortable, bar, rats, gin, drawn, rast, wish, craving, liquid, sweet, just whistle, food, avid, cool, rasp, shy, wake, nail, eat, sugar, filled, soda, mouth, crave, drought, Squirt, content, summer, salt, tasty, liquor, warm, throat, man, horse, well, glue

STIMULUS - 79, Gity

553	tom
1.21	Minneapoli
771	-4-4-

state

69 country 64 square

32 people, street

24, St. Paul 22 building(s) 20 block(a)

15 big

12 New York 11 house(s)

10 large აი გ light(s)

noise

village, farm

5 black, Chicago, dirty

4 hall, busy, traffic

dump, round, water, dirt, home

2 smoke, streetcar, place, here, live, car(s),

parks, man, towers, day

l pipe, snow, crowds, wells, high, excitement, factory, cop, pig, club, fun, Rochester, Montevideo, Milwaukee, occan, Memphis, rural, Des Moines, life, gas, hard, huge, population, metropolis, Excelsion, court, downtown, RR, Duluib, bustle, Faribault, dust, site, vast, triangle, window, county, skyscrapers, Seattle. suburb, Preston, dark, map, plant, stand, sin, concrete, school, Amos, sidewalk, New Orleans, urban. subway

STIMULUS - 80. Square

372 round 211

circle 65 Mock

26 dance

22 root .

20 city 19

triangle 17 head

13 box

cube, rectangle
time(s) 12

11

7 town, geometry

corner, chocolate, park, oblong

figure, foot, math, village, table, butter, 4 mile, wood, person

3 carpenter, lumber, sharp, house, Madison,

metd, angles, small, London

buildings, statue, dumb, colid, trees, shape. diamond, dice, street, tool, green, city square, ring, Washington, hard, deal, pog, Boston market, psychology, policemen, circular, dot, geometric figure, centimeter, dark, shops, frame, writing, courthouse, dope, lines, wasy, formula, four, John, bop, hillbilly, floor, tie, inch, sum, rhombus, rule, hep, ta, pack, mouse, tee, noie, knot, board, church, same, bill, 7 corners, man, N. Y., fudge, three, grass, not round, public, hexagon, France, bond, even, ruler, yard, country, right, sides, shart, aut, garden, St. Paul, jerk, Er2, right angles, shoulders, red,

Cadillac, flowers, fence, candy, love, plaza,

pencil, yard, Times Square.

STIMULUS - 81. Butter

637 bread yellow 13

30 soft

24 fat

22 food

20 knife

lί eggs

cream 14

milk 13

9 cow, oleo, cheese

spread, est

scotch, grease, salt, toast, cup

good, mut

2

taste, ball, rum, sweet, square, lard, mult; smooth, expensive, pat

margarine, salty

up, oil, dish, brickle, loaf, oar, brain, man, carton, smear, printing, jam, creamery, sweet, brown nose, carrots, red, pound, potato, finger, popcorm, tub, drink, broad, better, sugar, sandwich, doctor, health, lawyer, churn, bum, butter, lemon, bitter, greasy, meat, bull

STIMULUS - 82. Doctor

238	nurss	4
146	3 %ok	3
133	lawyer	2
50	medicine	
45	hasith	
28	sickness	1
5 /r	hospital	
23	man(e)	

22 dentist 20 help(s), Ill(s)

17 illness
15 white

11 putient, physician,

8 good, bag, M.D., office 7 stethoscope

5 cure

i dad(dy), pill(s), surgeon, school, healing, aid

hurt, bill, kind

study, death, life, friend, boy, healer, Berens, Lund, call, well, work, operation, pain, The second secon

medical school, fix, bed
kit, till, rich man, clinic, mom, clean, me,
ether, child, Ph.D., people, health center,
Gass, gentle, visit, man-white coat, healthy,
mend, college, herr, Jordan, knowledge, grey,
Baker, explore, them, needle, wound, law, medic,
Richerdson, saw bones, ambition, getting well,
aunt, teacher, door, I, cuts, look, woman, fee,
cost, father, baby, home, husband, house,
metabolism, old, Kildare, hat, throat, church,
scalpel, gilder, grief, mother, coat, chief,
wall, feel, cold, ouch, no, medical, white robe,
etitch, Livingstone, rest, seid, Morsey

STIMULUS - 83. Loud

541	soft
210	no ise
68	quiet
27	noisy
19	sound
15	mouth(ed)
9	bang
9 6	silent
5	sharp, shout
-	* *

music, long, crash, blast horn, desfening, clear, harsh, gun, speaker, strong, low, voice, cry, drum, thunder, murt, yell

kids, vie, heard, machinery, report, clap, salt, radic, band, bell, whistle, coarse, train, math, short, bag, shot, fair, bear, boob, tilking, me, din, ear, bothersome, talk, faint, nuisance, hard, base, boone, fight, racket, deafen, child, scream, heavy, fear, decibel, big, cheerleading, crazy, boisterous, shrill, door, londer, woman, still, recoil, song, call, Phyliss, hammering, annoying, horrid, thief, clang, disturbance, no, sax, waves, car

STIMULUS - 84. Thief

286	steal
8ز 1	robber
69	crook
54	<u>burglar</u>
3?	money
25	cop
23	bad, stole
21	rób
19	stolen
14	police, run,man,
	night, jail
13	beggar,
	criminal
12.	gun
8	law
7	river.

dark, jowels, take movie, villain, robbery thoft, bandit, sneak, crime, stealing, bicycle, homest, stop, murderer accomplice, Dillinger, mask, wrong, merchant, stealer, rat, Bagdad, good, sly, silver(ware), vandal, person, poor, bag, catch, window, jewelry spoil, beggar(man), stealth, Indian, loot, judge, voleur, lawyer, danger fast, break, purse, red, clever, brother, help, Damascus, lout, guilt, in the night, noise, augel, loss, victim, woman, gold, roar, goods, policeman, flee, city, chickens, in, diamond, giver, elarm, River Fails, stolen goods, lose, gamble, chase, aut, property, no dialogue, sorrow, unlawful, gam, London, bum, pocket, doctor, chair, dog, evil, culprit, fiend, block, jerk, wit, con't, bank, sole, prison, took, fail, pocketbook

STIME US - 84. Thief (continued)

petty, chief, prison, crafty, arrest, fire, harm, clothes, house, show, bedroom, murder, flight, the, stoled, leaf, coward, boy, dishonest

STRULUS - 85. Lion

148 animal hair hair ferocious, jaw, Andro	cles,
60 man hair	
O) A VIII	
31 cat 3 horse, paw, kill, Richard, movies, leopar	ď
30 oub 2 share, sea, dangoroue, kitten, hear, crue	ıı,
28 den tail, mountain, loud, street, furious, cl	AWS,
27 zoo, jungle England, lady, strength	
19 cage, tamer 1 wolf, pen, down, monkey, zebra, brave, te	rrible,
16 mouse wild, noise, agile, gold, hunger, ate, me	et,
15 lamb, bear tender, creep, brown, jcy, fox, chase, ho	
12 hearted run, lair, rock, ZAE, story, Fagen, of, b	ad,
11 mane cut, tree, chain, shield, growling, prett	333
9 Africa, Leo, dog heart, cries, rabbit, Sampson, shepherd,	huge,
8 growl, fear. devour, Greek, is busy, Britain, eating,	tawny,
head, strong stalk, point, woods, hungry, powerful, Go	oliath,
7 lioness, circus, scared, mad, girl, angry, desert, show, t	:hirone
hinter, teeth, king fight, giraffe, trainer	
6 fierce, Daniel, big	

STIMILUS - 86. Joy

503	happy	4	delight, health, to, tears, peace
202	sorrow	3	relief, mirch, gay, bliss
135	happiness	2	dog, help, shout, despair, wonderful, dishes,
33	grief, sad,		bells, cry; excitement, exuberance, wash, child(ren), gadeby, pleasure, enjoy
25	Christmas	1	nows, restraint, life, school, canon, bad,
23	glad		hardship, fright, money, gal, emotion, depres-
21	SORD		sion, weman, Arnold, Buggsy, vacation, thrill,
14	love		made, alacrity, fight, sour, bed, cheer, bright,
13	world, fun		party, jump, great, nosl, radiance, glee, hat,
12	girl		know, none, washing, rejoice, birth, dance,
11	hate		behold, sister, night, navy, pride, music, man,
10	gladness		hymm, perfume, eating, holiday, packard, Joyce,
9	anger, good, smile		benefit, freedom, leap, home, New Year's, Roger, sweet, Mary, divine, heaven, dream, Christ,
6	laugh		rage, whopee, swell, unhappy, reminisca, light,
?	elation, hope,		room, Marlys, pain, rapture, ride, nice, hurt,
	laughter		Schiller, mourn, bread, Prostor & Gamble,
6	boy		nature, crying, bless, tullock
5	fear		,

STIMILIS - 87. Bod

584 sloep 73 soft 36 sheet 29 pillow 25 rest time, post, stead, bug(s), spread, ridden
 springs, house, cot, lamp, heavy, woman(e),
 quilt, white
 made, big, furniture, blue, dream, dresser,

18 covers 16 night, blankets,

1

made, big, furniture, blue, dream, dresser, clothes, make, home, sick, sex, good, go, lie, light, hard

9 comfort
8 mattress, girl(s),
tired, chair,table

salt, lay, twin, pink, gown, flag, slept, in, bath, floor, you, read, black, happiness, head, window, jacket, river, comfortable, passion parlor, linen, yes, hug, fuck, son, pleasure, down, rice, beneymoon, warmth, lead, hot, asleep, large, enjoyment, led, fornication

6 wet, board 5 werm, wetting, sleepy

STIMULUS - 88. Heavy

583 65 light load 47 hard 35 wateht 19 lead 17 seft 1.2 big 20 lift, work 9 sleep, fat, iron tired, burden 6 coat, man, large, LOOKS stone.

carry, water

dark, foot, girl, hang(s), bag, slow, hearted 2 sack, trunk, eyelids, boot, object, sins, snow, ton, hand, smoke, brick(s), box(es) difficult, loud gruck, rule, enrilight, obese, liquor, bad, casting, blanket. strength, rock, push, logs, sleep, gravey, odor, lid, lug, cumbersome, penderous, ugh, bread, Bob Slater, awkward, square, sharp, wood, ache, mass, plump, night, drink, cloth, small, on, cloud, hurt, wrestler, dense, tog, mg, fatigue, ship, footsteps, long, clothes, breath, round, set, cow, cardboard, backsche, air, shotput, gut, drop, stout, strain, thick, package, start, low, shoes, effort, cement, plano, carrying, chair, deep, elephant, sugar, back, oppressive, pen, lot, food, thug, drinker, eater; sound

STIMULUS - 89. Tobacco

İ4

515 amoke 191 cigarette 49 pipe 31 oigar 27 road 23 Ji. ice 20 ohew 18 anokirg 14 Small 11 leaf(ves) 8 nicotine bad brown, stain plant, Luckies taste, cough, match, spit, pouch, stink(y), good weed, odor, Camels, no, enjoyment, user pull, add, habit, terrible, spitoon, fun, ughh, patch, on the wagon, can, Kools, south, field, noise; man, no good, bitter, distasteful, Chesterfield, food, ish, muts, stimulus, acrid, growers, white, boubon, Copenhagen, quit, satisfying, chromosome, breath, money, wheeze, land, small, paper, Lucky Strike, neavy, whiskey

STIMUUS - 90. Baby

	•	
162	род	
142	child	
113	ôry	
n	mother	
51	girl	

43 smc11 27 infant 21 oute 18 little

17 11 diapers 13 crib, crying

11 bed, sitter, enfe born, bottle, 10

brother toy(s), doll, pink, sleep

sweet, blanket, young, adult, spoon

rattle lova, coc

food, kid, tiny L

2

noise, woman(a), anddla(y), dog, birth buggy, parents, milk, laugh, helpless, smile,

man, carriage, wet joy, ball, six, human, bunting, sister, son, sit, playpen, care, happy

whimper, rocker, big, shoes, clean, coy, tot, fun, marriage, hands, doctor, softness, dress, small child, delicate, thumb, high clair, new, clothes, learn, ugly, dependence, pregnancy, bedroom, daughter, nephew, hospital, twins, oried, rettles, cow. caps, yell, Jerry, stunid, babboon, no. boone, nice, fondness, pair, snocks, smooth, spill, wear, neonate, Carol, maybe, fat, nursemaid, Nancy, lotion, on the way, pleasant, innecent, face, bath, pretty, grownup, talk

STIMULUS - 91. Moon

205 stars 168 g1:11 87 night 6Ц light 50 shine(s) 43 sky 33 earth 26 yellow beam(s), bright, 18 June round 17 15 blue 13 white 12 glow, love 10 planet

spoon cheese

STIMULUS - 92. Scissors

671 cut 90 sharp 13 paper 38 cloth 33 knife(ves) shears: 15 13 thread, cutting snip, needle

rocket, romance, full, high dark, matellite, man(e), crescent, big, face maid, pretty, rise, beautiful, cold, silver

Mars, ncon, universe

half, soft, nice, goon, water, heaven, shape, distance, lake, lunatio, Over Mismi, Saturn,

ESTRONOMY, WESTER

cool, tume, date, gold, stroke, tide, face night, swoon, pole, circle, study, look, clouds, body, telescope, pale, 12, away, beauty, down, Buck Rogers, flight, clear, eat, kiss, exciting, parking, morning, solunar, loon, smeech, car, green cheese, girl, science, summer, luna, fly travel, moon, saucer, space, sixpence, dream, reflection, nigh, new, large, God, neckleg, glass, honey, environment, green, far, brip, fascinating, evening, miad, solar system, box

material, sewing, sew

3 ciip

hair, pliers, saw, clippers, grip, hold, metal, forceps, machine, clothes, febric, barber, pair, grinders, pointed, table, nostril, mother, fork, tengs, string, rabbi, black, wrestling, shear; spool, wrestle, instrument, cross, pins, hard, game, nails, silver, iron, strip

STIMULUS - 93. Quiet

348	loud	
113	noisy	
98	noise	
63	tive	
5 3	slaap	
38	men	
3).	of \$17	

- 53 Sleap 38 man 34 atill 27 hospital 26 pesse
- 23 night
 10 library, silent, peaceful
 - or on, rest, sound
 - 7 dark 6 siles
- δ silence, nice, calm
- 5 study

aone, shih, please

3 sleepy,

mouse, home, serene, solitude, ccol, front, girl, time, soundless, church, light, noiseless Dr., sun, sea, think, stop, class, house, rustle, gentle, thinking, down, nursery, loadness, rock, step softly, summer, lost, lake, soream, mine, psychology, relaxation, person, boy, impact. small, now, sleeping, multitude, golden, fast, sweet, jump, yet, ish, casy, softly, fear, moody, evening, day, bed, test, slone, warm, country, hear, classroom, sign, dignified, spring, ocean, candle, stillness, awake, something, radio, be, restless, eyes, hours

STIMULUS - 94. Green

4	32.	grass
2]	16	red
12	22	blue
(56	yellow
į	53	color
2	23	go
- 1	21	light
2	20	white
	16	sea
•	14	bl.ack
•	12	tree(3)
•	10	plant(s)
	6	grey, eyes, mater
	5	Irish, leaf(ves)
		•

- in thirt, giant, valley, purple, brown, dark, Ireland
- 3 envy, emerald(s), peas, cloth, salad, forest, orange, cool, pepper

lake, sick, shoc(s), dress, sleeve(s), gold, ground, lawn, sweater, felt, field, cabbage, pastures, ocean

meadow, sky, book, robe, chartreuse, restful, pink, coat, earth, bright, plush, spinach, peace, soft, kelly, suit, quiet, red-yellow, wear, jelly, green, signal, lottuce, stuff, lynne, death, milk, chair, land, bag, golf, hay, stoplight, comfort, vegetable, man, beans; flower, read, tea, wave, traffic, spring, hair, clay, house, snake, food, moss, cheese, money, iade, A.F.L. river, fresh, shimmer, habits, jealousy

STIMULUS - 95. Salt

١	
<u>1</u> 30	bebber.
83	sugar
76	water
50	taste
33	sea
31	bitter
30	shaker
29	zî nod
23	ocean
19	sweet, lake
15	eat.
0.2	meat
11	Peter
9	sour, seasoning

- / NaCl ó white
- table, spice

flavor, free, earth, good, lick

- 3 season, mines, bread, salty, grains, thirsty, popcorn, celery, savour
- french fries, flat(s), tomato(es), soup, dry, morton's, collar, butter
- crackers, port, chemistry, sodium, base, apple, compound, sting, body, grimace, cow halite, blue, fhour, iddine, desert, diet, sprinkle, lemons, fish, black, pour, carrots, eggs, cuts, tart, drink, sorethroat, coffee, song, potato, apray, baby, pork, sharp, mineral, water taffy, tasty, iodized, eating, stronge, use, cheese

STIMULUS - 95. Street

190	Avenue
126	road
11.2	oars
57	light(s)
he	city
38	alley
33	walk
30	sign
24	house(s)
50	comer, sidewalk
īó	town
14	mmjes.
13	scene
9	drive, name,
	lamp(s)
8	pavement, lane,
	long
	_

cleaner, narrow

orosa, address,

vraffix, live

ourb, main, straight, home(s), dirt

rue. 1th, walker, 6th, path, noise, dance, Washington

tar, clothes, winding, crossing, sour, way, Desin, fight, gutter, dreams, St. Clair, people, 5th, University, black, wide, highway, trees, icy

lend, fountain, direction, stores, walking, anow, Raymond, 15th, Minnesota, wet, Logan, country, 312 W. Walnut, shade, railroad, ruts, Morgan, Gleveland, block, Chiowen, oil, in. Kelbourns, dirty, Walnut, paved, beach, Blair, post; slush, corridor, puddle, units, Ashland, lith, Queen Ave., Larue, Lyndale, King, Plymouth, Church, village, concrete, Micollet, wall, #, Halifax, 3rd, asphalt, line, repair, major, cement, automobiles, side, pole, name, nob, go, ice, boulevard, lamppost, call, clean, cobblestons, Hennepin, First, meet, white, ton, beat, song, Osceola, brick, streetcar, crowded, across, green, Emerson, Holly, Lawson, square, New York, Know, doctination, burr, coordinate, Columbia, down, pisture, sitter, Payne Ave.

STIMULUS - 97. King

dark

751	dneen
20	England
18	orown
13	pin
11	George:
10	ruler,
9	Kong, threne, mar
	cards, lut
5	rule, subjects,
	chace

royal. Hanry (IV)(VIII), power, Edward, county, Sclemon, monardh

kingdom, prince, leader, Siam, John

top, Jack, reign, Ferouk, Cole, story, lion,

royalty, James, I

court, purple, robe, scaptre, duke, fish, Lear, knight, peasant, empire. Midas, king, lard, crab, blue, ace, no-good, hearts, nead, Julius, Anthony, Arma, Louis, cotton, large, rex, lord, Louis XW, street, Leo, checkers, rich, friend, ring, chief, jewels, feudal, emperor, clubs, land, Arabis, Shit, sovereign, cheese, Size, highway, dead, dog, men, regal, Arthur, money, gout, kingly, despotism, mountain king. Hered. pomp, coil, serve, checkmate, teast, high, president, gold

STEWLUS - 96. Cheese

108	crackers	211	holes
94 82	mouse(ice)	23	sandwich
82	bread	21	smell
70	eat	20	rat
68	food	19	moon
47	yellow, milk	18	green
42	cake	15	swiss, wise
37	butter	11	cream
32	cottage	8	American
25	blue	7	cow, bacon,
			chodder

roquefort, been, sour, cut, good pie, kraft, dairy, spread, limburger

crange, smile

burger, tasty, taste, macaroni, big

Holland, cave, cutter, velvesta, apple pic, factory, tangy, ish, bitter, soft, Friday, picture, dry, edam

STIMULUS .. 98. Cheese (continued)

rye, whad, corn, mite, brick, porus, eating, sweet, sausage, knife, mold, and, icebox, no, apple, they, pumpernickle bread, strong, cloth, Switzerland, beans, wadge, photography, carton, toast, milk, meat, longhorn, rotten, wrapper, Christmas, camemburt, swift, dislike, king, stinky, huma, please, shorm, cards, ourd, parmesen, cat, slices, sharp, read, white, roll, popcorn, warries, age, salt

STIMULUS - 99, Blosmom

672 78 35 98 20 19 18 13	flower apple bloom time spring smell rose bud plant, tree(s), pretty	5432	sweet, seeley, orange out, theorey red, beauty, stem fruit, leaf, bird, bough, blue, breast, apple blossem, apple tree fool, cover, day, blood, Megroes, nice, girl, fragrance, fragrant, root, man, bean, top, slank, spread, gal, lily, bush, megnolia, wilt, flowed, carnation, forth, wedding, name, field, child, beautiful, petals, petunia, cow, sun,
9	pink		white, yellow

STIMUUS - 100. Afraid

261	fear	4	bold, fearful, child, hurt
570	scared	3	snake, dog, not afraid, confident, anger,
98	dark		horro accident, worried
6 3	prave	2	sick, seream, finals, courageous, shy, spider(s),
23	frightened		anima, secure, trouble, army, tense,
12	run, scare		death, worry, darkness, shrink, terruited,
īī	happy		content, mad
10	unafraid	1	min, resolion, gin, stop, nah, people, shake,
	courage		winder =lone. hot. anxious. sissy. pest, mean,
9 8	no, fearless		quiver, silly running, drop, crying, tremble,
7	fright, terror,		of wati. Scar. eager, lonely, smear, shirk,
-	never		unknym, of, kind, awake, cold, tiger, defiant,
6	fight, coward,		flum despair, you, conflicts, sweet,
	danger, not, cry,		sure, h tred, physics, can't, west, tests,
	ed chit		frighten. Lion, unhappy, men, fire, sleep,
5	quiet, war, had		certian, heart, crouch, hate, eyes, tired,
•			soldiar, sound, trust, laugh, light, Negroes,
			yes, tond, strong, bomb, timid, wolf, queer,
			mice, rirl, hide, help, carry, to dream, calm,
			unhaminess, bell, unorepared, cringe, jungle,
			cats, something, glad, high, troubled, casmy,
			why, en ses, marder, ghost, shaky, sad,
			hard warmer thanker the barrens are sometimes.

why, men ses, marder, ghost, shaky, sad, bark, uneasy, morrow, friendly, anxiety, nervous, passive, mystery, recall, yellow, carry, alarm

APPENDIX A

THE MENTERS OF THE PROPERTY OF

The Kent-Resancif Word Association Test

<u>No.</u>	Stimulus Table	Response	Nc.	Stimulus	Response
1.	Table			OCTIVITION	ite sporac
		····	26.	Wish	
2.	Dark		27.	River	-
3.	Music	***************************************	28.	White	and the second second second second second
4.	Sickness		29.	Beautiful	
5.	Man		30.	Window	
6.	Deep		31.	Rough	
7.	Soft		32.	Citizen	
8.	Eating		33.	Foot	
9.	Mountain		34.	Spider	
10.	House		35.	Needle	and the second s
11.	Black		36.	Ред	
12.	Mutton	-	37•	Sleep	
13.	Comfort		38.	Anger	
14.	Hand	•	39.	Carpet	
15.	Short		40.	Girl	
16.	Fruit		41.	High	
17.	Butterfly		42.	Working	In the second se
18.	Smooth		li3.	Sour	
19.	Command		. 44.	Earth	
20.	Chair		45.	Trouble	# paylor
21.	Sweet		. 46.	Soldier	
22.	Whistle		47.	Cabbage	
23.	Woman		48.	Hard	
24.	Cold		49.	Eagle	•
25.	Slow		50.	Stomach	

こうからのからないました おいちゅうかん おおかれのなかなる はのは 一般ないの こののこ

の外は、100mmに対し、100mmに対象が対象が、非常性性を関係を関係を対象が、事務ないと言葉であり、そのでいるには、100mmであった。それでは、100mmであった。 100mmであった。
No.	Stimulus	Response	No.	Stimulus	Response
51.	Stom	414-11 MARTINE MARTINE AND ADDRESS OF THE PARTY OF THE PA	76.	Bitter	
52.	Lamp		77.	Натиел	
53.	Dream		78.	Thirsty	
54.	Yellow	**************************************	79.	City	
55.	Bread		30.	Square	and the second state of the contrast of the
56.	Justice	geneljik samiligairengip, pr. 100 y	91.	Butter	port in analysis to the series
57.	Воу		82.	Booton	geggeneratives in the many of the
58.	Light		83.	Loud	A special deposition on the distribution of
59.	Health		<u>B</u> !: .	Thief	
60.	Bible		85.	lion	No a distant distant — selection de la segui
δì.	fizmory		P.G.	103	managements on a service of the
62.	Sheep		87	B&	deligida (million principales) es como ambiero.
63.	Bath		∂8.	Heavy	Figure publishing the sector of T
64.	Cottage		35.	Tobacco	aggaption matrices (10 alignet)
65.	Swift		90,	Baby	COMPANDED USE COMPA
66.	Blue		91.	Moon	A SPICE AND SPICE STATE OF THE SPICE STATE STATE OF THE SPICE STATE STA
67.	Hungry		92.	Scissors	and produced supply for any other section (
68.	Priest		93.	Quist	operation (Company of the Wall
69.	. Gcean		94.	Green	-
70.	, Pead		95.	Salt	
71.	. Stova		95.	Street	
72.	. Long		۶7.	King	· Description of the State of State of
73	. Religion		98.	Cheese	nga Mgad ^a mangalahankan sa mananan sa m
7 <u>l</u> ı	. Whiskey		29.	Slossom	
75	. Child		100.	. Lfvaid	

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